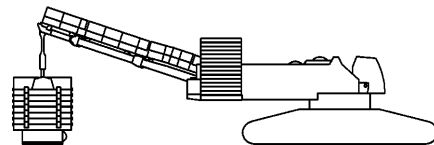


# Liftcrane Jib Capacities

**Fixed Jib No. 79A with 50 Ft. Strut on  
Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
492,000 Lb. Crane Counterweight  
320,000 Lb. Carbody Counterweight  
0 Lb. thru 599,800 Lb. Hanging Counterweight  
at 59 Ft. Position  
360 Degree Rating**

**Meets  
ANSI B30.5  
Requirements**

**18000 With  
21000 MAX-ER**



**LIFTING CAPACITIES:** Lifting 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 (\*).

Hanging counterweight must be attached to support beam and MAX-ER mode must be selected to operate. Minimum fixed jib capacity to raise hanging counterweight free of ground support is required for swing and travel. Do not allow hanging counterweight to contact ground while swinging and traveling. Exit MAX-ER mode before operating without hanging counterweight.

Simultaneous hoisting of both load drums is required for even block travel.

Weight of all load blocks, hooks, weight ball, slings, hoist lines, etc., beneath boom and 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.

**OPERATING CONDITIONS:** Machine to operate on a firm uniformly supporting surface with mast up and bearing turntable level within a tolerance of 1/2 in. in 10 Ft. and properly supported. Refer to jib assembly **No. A07713**, Wire Rope Specification chart **No. 8591-A** or **8591-B** and Counterweight Arrangement chart **No. 8577-A**. Crane operator judgment must be used to allow for dynamic load effects of swinging, hoisting or lowering, travel, wind conditions, as well as adverse operating conditions and physical machine depreciation. Refer to Operator's Manual for operating guidelines.

**MACHINE TRAVEL:** Machine to travel on a firm, level and uniformly supporting surface with boom within boom angle range shown in capacity chart. Refer to Swing and Travel Specification chart **No. 8664-A**.

**OPERATING RADIUS:** 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:** Jib point elevation is vertical distance from ground level to centerline of jib point shaft.

**MACHINE EQUIPMENT:** Machine equipped with MAX-ER, 38 Ft. 9 in. crawlers, 60 in. treads, 30 Ft. live mast, 140 Ft. mast, 16 part boom hoist reeving, boom support straps, jib and backstay support straps, 492,000 Lb. crane counterweight, 320,000 Lb. carbody counterweight and hanging counterweight as specified.

**WARNING:** Check amount of hanging counterweight on machine before use of this chart. Refer to Counterweight Assembly.

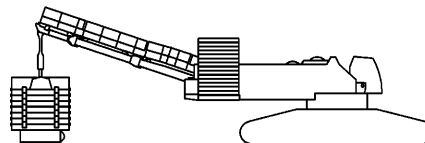
| Upper Jib Point Capacity<br>For Liftcrane Service - Whip Line                              |            |            |
|--------------------------------------------------------------------------------------------|------------|------------|
| 28 mm                                                                                      |            | 32 mm      |
| Drum 2                                                                                     | Drum 3     | Drum 2     |
| Single Part Line                                                                           |            |            |
| 35,800 Lb.                                                                                 | 30,000 Lb. | 48,800 Lb. |
| Two Part Line                                                                              |            |            |
| Upper Boom Point No. 170419                                                                |            |            |
| 60,000 Lb.                                                                                 | 60,000 Lb. | 60,000 Lb. |
| Upper Boom Point No. A08516                                                                |            |            |
| 71,600 Lb.                                                                                 | 60,000 Lb. | 97,600 Lb. |
| In all cases, upper jib point capacities cannot exceed those listed for main jib capacity. |            |            |

# Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
 492,000 Lb. Crane Counterweight  
 320,000 Lb. Carbody Counterweight  
 0 Lb. thru 599,800 Lb. Hanging Counterweight  
 at 59 Ft. Position  
 360 Degree Rating

Meets  
ANSI B30.5  
Requirements

**18000 With  
21000 MAX-ER**



| Maximum Boom and Jib Lengths Lifted Unassisted       |            |                                           |            |
|------------------------------------------------------|------------|-------------------------------------------|------------|
| Over End<br>of Blocked Crawlers                      |            | Over Side or End<br>of Unblocked Crawlers |            |
| Boom Length                                          | Jib Length | Boom Length                               | Jib Length |
| 0 Lb. Hanging Counterweight                          |            |                                           |            |
| 220 Ft.                                              | 50 Ft.     | 200 Ft.                                   | 50 Ft.     |
| 200 Ft.                                              | 90 Ft.     | 180 Ft.                                   | 90 Ft.     |
| 180 Ft.                                              | 110 Ft.    | 160 Ft.                                   | 110 Ft.    |
| Over Side or End of Unblocked Crawlers               |            |                                           |            |
| 247,800 Lb. Hanging<br>Counterweight                 |            | 467,800 Lb. Hanging<br>Counterweight      |            |
| 280 Ft.                                              | 50 Ft.     | 340 Ft.                                   | 50 Ft.     |
| 260 Ft.                                              | 90 Ft.     | 320 Ft.                                   | 70 Ft.     |
| 240 Ft.                                              | 110 Ft.    | 300 Ft.                                   | 110 Ft.    |
| 599,800 Lb. Hanging<br>Counterweight                 |            |                                           |            |
| 340 Ft.                                              | 70 Ft.     |                                           |            |
| 320 Ft.                                              | 110 Ft.    |                                           |            |
| Load block, hook and weight ball on ground at start. |            |                                           |            |

## Boom and/or Jib Catwalks Deduct

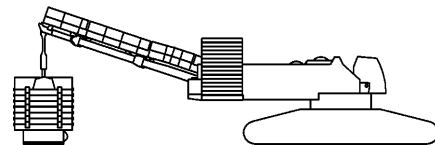
Deduct 900 Lbs. from capacities when boom and/or jib catwalks are attached.

# Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
492,000 Lb. Crane Counterweight  
320,000 Lb. Carbody Counterweight  
0 Lb. thru 599,800 Lb. Hanging Counterweight  
at 59 Ft. Position  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements

## 18000 With 21000 MAX-ER



### 140 Ft. Boom

### 50 Ft. Fixed Jib, 5 Degree Offset

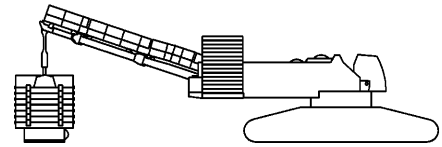
| Jib<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Feet | 0 Lb.<br>Hanging<br>Counterweight | 247,800 Lb.<br>Hanging Counterweight                                 |                        | 467,800 Lb.<br>Hanging Counterweight                                 |                        | 599,800 Lb.<br>Hanging Counterweight                                 |                        | Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------|----------------------|-------------------------------|-----------------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|------------------------------|
|                              |                      |                               | Jib Capacity<br>Pounds            | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds |                              |
| 45                           | 81.3                 | 198.4                         | 676,900*                          | 570,400                                                              | 903,200*               | 908,900                                                              | 1,102,400*             |                                                                      |                        | 45                           |
| 50                           | 79.7                 | 197.3                         | 602,300*                          | 490,600                                                              | 808,100*               | 789,700                                                              | 989,800*               |                                                                      |                        | 50                           |
| 55                           | 78.2                 | 196.0                         | 537,100*                          | 427,400                                                              | 729,700*               | 695,200                                                              | 895,400*               |                                                                      |                        | 55                           |
| 60                           | 76.6                 | 194.6                         | 483,200*                          | 376,000                                                              | 663,900*               | 618,500                                                              | 816,300*               | 764,200                                                              | 907,700*               | 60                           |
| 65                           | 75.0                 | 193.0                         | 437,900*                          | 333,400                                                              | 607,900*               | 554,900                                                              | 748,900*               | 688,100                                                              | 833,500*               | 65                           |
| 70                           | 73.5                 | 191.3                         | 399,100*                          | 297,500                                                              | 559,600*               | 501,400                                                              | 690,800*               | 623,900                                                              | 769,600*               | 70                           |
| 75                           | 71.9                 | 189.4                         | 365,700*                          | 266,800                                                              | 517,600*               | 455,700                                                              | 640,300*               | 569,200                                                              | 713,900*               | 75                           |
| 80                           | 70.2                 | 187.3                         | 336,600*                          | 240,300                                                              | 480,600*               | 416,200                                                              | 595,900*               | 521,900                                                              | 665,000*               | 80                           |
| 85                           | 68.6                 | 185.1                         | 310,900*                          | 217,200                                                              | 447,900*               | 381,700                                                              | 556,600*               | 480,600                                                              | 621,700*               | 85                           |
| 90                           | 66.9                 | 182.7                         | 288,100*                          | 196,800                                                              | 418,100*               | 351,300                                                              | 521,500*               | 444,200                                                              | 583,100*               | 90                           |
| 95                           | 65.3                 | 180.2                         | 267,800*                          | 178,700                                                              | 390,800*               | 324,400                                                              | 490,000*               | 411,900                                                              | 548,500*               | 95                           |
| 100                          | 63.5                 | 177.4                         | 249,500                           | 162,500                                                              | 366,200*               | 300,300                                                              | 461,600*               | 383,100                                                              | 517,200*               | 100                          |
| 105                          | 61.8                 | 174.4                         | 230,700                           | 148,000                                                              | 344,100*               | 278,600                                                              | 435,800*               | 357,100                                                              | 488,800*               | 105                          |
| 110                          | 60.0                 | 171.3                         | 213,900                           | 134,800                                                              | 323,900*               | 259,000                                                              | 412,300*               | 333,700                                                              | 462,900*               | 110                          |
| 115                          | 58.2                 | 167.9                         | 198,700                           | 122,800                                                              | 305,500*               | 241,200                                                              | 390,800*               | 312,400                                                              | 439,300*               | 115                          |
| 120                          | 56.4                 | 164.2                         | 184,900                           | 111,800                                                              | 288,700*               | 224,900                                                              | 371,000*               | 292,900                                                              | 417,500*               | 120                          |
| 125                          | 54.5                 | 160.3                         | 172,400                           | 101,700                                                              | 273,200*               | 209,900                                                              | 352,800*               | 275,000                                                              | 397,400*               | 125                          |
| 130                          | 52.5                 | 156.2                         | 160,900                           | 92,400                                                               | 258,900*               | 196,200                                                              | 335,900*               | 258,500                                                              | 378,900*               | 130                          |
| 135                          | 50.5                 | 151.7                         | 150,400                           | 83,800                                                               | 245,600*               | 183,400                                                              | 320,200*               | 243,300                                                              | 361,600*               | 135                          |
| 140                          | 48.4                 | 146.9                         | 140,700                           | 75,800                                                               | 233,300*               | 171,600                                                              | 305,700*               | 229,200                                                              | 345,600*               | 140                          |
| 145                          | 46.3                 | 141.7                         | 131,500*                          | 68,300                                                               | 221,800*               | 160,600                                                              | 292,000*               | 216,100                                                              | 330,600*               | 145                          |
| 150                          | 44.0                 | 136.1                         | 122,500*                          | 61,400                                                               | 211,100*               | 150,300                                                              | 279,300*               | 203,800                                                              | 316,000*               | 150                          |
| 155                          | 41.7                 | 130.1                         | 113,900*                          | 54,800                                                               | 201,000*               | 140,700                                                              | 267,300*               | 192,300                                                              | 298,900*               | 155                          |
| 160                          | 39.2                 | 123.5                         | 105,900*                          | 48,600                                                               | 191,600*               | 131,600                                                              | 255,800*               | 181,400                                                              | 282,700*               | 160                          |
| 165                          | 36.6                 | 116.2                         | 98,300*                           | 42,700                                                               | 182,700*               | 123,000                                                              | 244,400*               | 171,200                                                              | 267,300*               | 165                          |
| 170                          | 33.7                 | 108.1                         | 91,100*                           | 37,200                                                               | 174,300*               | 114,800                                                              | 230,400*               | 161,500                                                              | 252,400*               | 170                          |
| 175                          | 30.6                 | 99.1                          | 84,200*                           | 31,800                                                               | 166,300*               | 107,100                                                              | 216,900*               | 152,300                                                              | 238,100*               | 175                          |
| 180                          | 27.1                 | 88.6                          | 77,600*                           | 26,600                                                               | 158,700*               | 99,600                                                               | 203,700*               | 143,500                                                              | 224,000*               | 180                          |
| 185                          | 23.1                 | 76.1                          | 71,100*                           | 21,600                                                               | 150,700*               | 92,300                                                               | 190,400*               | 134,900                                                              | 210,000*               | 185                          |

# Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
 492,000 Lb. Crane Counterweight  
 320,000 Lb. Carbody Counterweight  
 0 Lb. thru 599,800 Lb. Hanging Counterweight  
 at 59 Ft. Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

**18000 With  
 21000 MAX-ER**



**160 Ft. Boom**

**50 Ft. Fixed Jib, 5 Degree Offset**

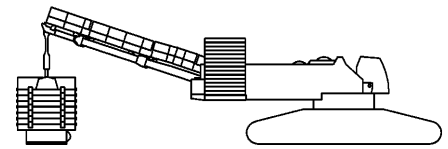
| Jib<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Feet | 0 Lb.<br>Hanging<br>Counterweight | 247,800 Lb.<br>Hanging Counterweight                                 |                        | 467,800 Lb.<br>Hanging Counterweight                                 |                        | 599,800 Lb.<br>Hanging Counterweight                                 |                        | Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------|----------------------|-------------------------------|-----------------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|------------------------------|
|                              |                      |                               | Jib Capacity<br>Pounds            | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds |                              |
| 50                           | 81.0                 | 217.6                         | 600,200*                          | 496,400                                                              | 805,500*               | 799,500                                                              | 987,100*               |                                                                      |                        | 50                           |
| 55                           | 79.6                 | 216.4                         | 534,800*                          | 431,400                                                              | 726,900*               | 702,600                                                              | 892,600*               |                                                                      |                        | 55                           |
| 60                           | 78.2                 | 215.2                         | 480,700*                          | 378,700                                                              | 660,900*               | 624,100                                                              | 813,300*               |                                                                      |                        | 60                           |
| 65                           | 76.8                 | 213.7                         | 435,100*                          | 335,000                                                              | 604,700*               | 559,100                                                              | 745,800*               | 693,700                                                              | 830,400*               | 65                           |
| 70                           | 75.4                 | 212.2                         | 396,300*                          | 298,300                                                              | 556,300*               | 504,400                                                              | 687,600*               | 628,300                                                              | 766,300*               | 70                           |
| 75                           | 74.0                 | 210.5                         | 362,700*                          | 267,000                                                              | 514,200*               | 457,700                                                              | 636,900*               | 572,400                                                              | 710,600*               | 75                           |
| 80                           | 72.5                 | 208.7                         | 333,400*                          | 239,900                                                              | 477,200*               | 417,500                                                              | 592,400*               | 524,200                                                              | 661,600*               | 80                           |
| 85                           | 71.1                 | 206.7                         | 307,700*                          | 216,300                                                              | 444,400*               | 382,300                                                              | 553,000*               | 482,100                                                              | 618,200*               | 85                           |
| 90                           | 69.6                 | 204.6                         | 284,800*                          | 195,500                                                              | 414,800*               | 351,400                                                              | 517,900*               | 445,100                                                              | 579,500*               | 90                           |
| 95                           | 68.1                 | 202.3                         | 264,400*                          | 177,000                                                              | 387,400*               | 324,000                                                              | 486,400*               | 412,300                                                              | 544,800*               | 95                           |
| 100                          | 66.6                 | 199.9                         | 246,100*                          | 160,500                                                              | 362,800*               | 299,500                                                              | 457,900*               | 383,000                                                              | 513,500*               | 100                          |
| 105                          | 65.1                 | 197.3                         | 228,000                           | 145,700                                                              | 340,600*               | 277,500                                                              | 432,100*               | 356,700                                                              | 485,100*               | 105                          |
| 110                          | 63.5                 | 194.5                         | 211,100                           | 132,300                                                              | 320,400*               | 257,600                                                              | 408,500*               | 332,900                                                              | 459,200*               | 110                          |
| 115                          | 61.9                 | 191.5                         | 195,800                           | 120,100                                                              | 301,900*               | 239,500                                                              | 387,000*               | 311,300                                                              | 435,500*               | 115                          |
| 120                          | 60.3                 | 188.4                         | 182,000                           | 108,900                                                              | 285,000*               | 223,000                                                              | 367,200*               | 291,500                                                              | 413,700*               | 120                          |
| 125                          | 58.7                 | 185.0                         | 169,400                           | 98,700                                                               | 269,500*               | 207,800                                                              | 348,900*               | 273,400                                                              | 393,600*               | 125                          |
| 130                          | 57.0                 | 181.5                         | 157,900                           | 89,300                                                               | 255,200*               | 193,900                                                              | 332,100*               | 256,800                                                              | 375,000*               | 130                          |
| 135                          | 55.3                 | 177.7                         | 147,300                           | 80,600                                                               | 241,900*               | 181,000                                                              | 316,400*               | 241,400                                                              | 357,800*               | 135                          |
| 140                          | 53.6                 | 173.6                         | 137,500                           | 72,500                                                               | 229,600*               | 169,100                                                              | 301,800*               | 227,200                                                              | 341,800*               | 140                          |
| 145                          | 51.8                 | 169.3                         | 128,200*                          | 65,000                                                               | 218,100*               | 158,000                                                              | 288,200*               | 213,900                                                              | 326,800*               | 145                          |
| 150                          | 50.0                 | 164.8                         | 119,100*                          | 58,000                                                               | 207,400*               | 147,700                                                              | 275,500*               | 201,600                                                              | 312,800*               | 150                          |
| 155                          | 48.1                 | 159.9                         | 110,500*                          | 51,400                                                               | 197,400*               | 138,000                                                              | 263,500*               | 190,000                                                              | 299,700*               | 155                          |
| 160                          | 46.1                 | 154.7                         | 102,500*                          | 45,200                                                               | 187,900*               | 128,900                                                              | 252,200*               | 179,200                                                              | 287,300*               | 160                          |
| 165                          | 44.1                 | 149.1                         | 95,000*                           | 39,400                                                               | 179,100*               | 120,300                                                              | 241,400*               | 169,000                                                              | 275,700*               | 165                          |
| 170                          | 41.9                 | 143.0                         | 87,800*                           | 33,900                                                               | 170,700*               | 112,300                                                              | 231,100*               | 159,400                                                              | 264,700*               | 170                          |
| 175                          | 39.7                 | 136.5                         | 81,100*                           | 28,600                                                               | 162,800*               | 104,600                                                              | 221,500*               | 150,300                                                              | 252,400*               | 175                          |
| 180                          | 37.3                 | 129.4                         | 74,600*                           | 23,700                                                               | 155,300*               | 97,300                                                               | 212,300*               | 141,600                                                              | 238,900*               | 180                          |
| 185                          | 34.8                 | 121.6                         | 68,500*                           | 18,900                                                               | 148,200*               | 90,400                                                               | 203,700*               | 133,400                                                              | 225,900*               | 185                          |
| 190                          | 32.1                 | 113.0                         | 62,600*                           | 14,300                                                               | 140,700*               | 83,800                                                               | 193,300*               | 125,600                                                              | 213,400*               | 190                          |
| 195                          | 29.2                 | 103.3                         | 57,000*                           | 9,900                                                                | 132,900*               | 77,400                                                               | 181,800*               | 118,000                                                              | 201,200*               | 195                          |
| 200                          | 25.9                 | 92.2                          | 51,500*                           | 5,600                                                                | 125,300*               | 71,300                                                               | 170,400*               | 110,700                                                              | 189,100*               | 200                          |

# Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
492,000 Lb. Crane Counterweight  
320,000 Lb. Carbody Counterweight  
0 Lb. thru 599,800 Lb. Hanging Counterweight  
at 59 Ft. Position  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements

## 18000 With 21000 MAX-ER



### 180 Ft. Boom

### 50 Ft. Fixed Jib, 5 Degree Offset

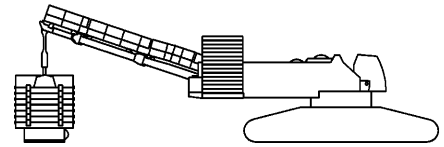
| Jib<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Feet | 0 Lb.<br>Hanging<br>Counterweight | 247,800 Lb.<br>Hanging Counterweight                                 |                        | 467,800 Lb.<br>Hanging Counterweight                                 |                        | 599,800 Lb.<br>Hanging Counterweight                                 |                        | Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------|----------------------|-------------------------------|-----------------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|------------------------------|
|                              |                      |                               | Jib Capacity<br>Pounds            | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds |                              |
| 50                           | 82.0                 | 237.9                         | 598,600*                          | 502,000                                                              | 803,500*               | 808,700                                                              | 985,100*               |                                                                      |                        | 50                           |
| 55                           | 80.8                 | 236.8                         | 533,000*                          | 435,500                                                              | 724,700*               | 709,700                                                              | 890,400*               |                                                                      |                        | 55                           |
| 60                           | 79.5                 | 235.6                         | 478,700*                          | 381,600                                                              | 658,600*               | 629,600                                                              | 811,000*               |                                                                      |                        | 60                           |
| 65                           | 78.2                 | 234.4                         | 433,000*                          | 337,000                                                              | 602,300*               | 563,300                                                              | 743,300*               | 699,300                                                              | 828,000*               | 65                           |
| 70                           | 76.9                 | 233.0                         | 394,000*                          | 299,500                                                              | 553,800*               | 507,600                                                              | 685,100*               | 632,600                                                              | 763,800*               | 70                           |
| 75                           | 75.6                 | 231.4                         | 360,400*                          | 267,600                                                              | 511,600*               | 460,100                                                              | 634,300*               | 575,800                                                              | 708,000*               | 75                           |
| 80                           | 74.3                 | 229.8                         | 331,000*                          | 240,000                                                              | 474,500*               | 419,100                                                              | 589,800*               | 526,800                                                              | 658,900*               | 80                           |
| 85                           | 73.0                 | 228.0                         | 305,200*                          | 215,900                                                              | 441,700*               | 383,400                                                              | 550,300*               | 484,100                                                              | 615,500*               | 85                           |
| 90                           | 71.7                 | 226.1                         | 282,200*                          | 194,800                                                              | 412,200*               | 352,000                                                              | 515,100*               | 446,500                                                              | 576,800*               | 90                           |
| 95                           | 70.3                 | 224.0                         | 261,800*                          | 176,000                                                              | 384,800*               | 324,100                                                              | 483,500*               | 413,200                                                              | 542,000*               | 95                           |
| 100                          | 69.0                 | 221.8                         | 243,400*                          | 159,200                                                              | 360,100*               | 299,300                                                              | 455,000*               | 383,500                                                              | 510,600*               | 100                          |
| 105                          | 67.6                 | 219.5                         | 225,800                           | 144,200                                                              | 337,800*               | 277,000                                                              | 429,200*               | 356,800                                                              | 482,200*               | 105                          |
| 110                          | 66.2                 | 217.0                         | 208,800                           | 130,600                                                              | 317,600*               | 256,800                                                              | 405,600*               | 332,600                                                              | 456,200*               | 110                          |
| 115                          | 64.8                 | 214.4                         | 193,500                           | 118,200                                                              | 299,100*               | 238,500                                                              | 384,000*               | 310,800                                                              | 432,500*               | 115                          |
| 120                          | 63.4                 | 211.6                         | 179,600                           | 106,900                                                              | 282,200*               | 221,700                                                              | 364,200*               | 290,800                                                              | 410,700*               | 120                          |
| 125                          | 62.0                 | 208.7                         | 167,000                           | 96,500                                                               | 266,700*               | 206,400                                                              | 345,900*               | 272,500                                                              | 390,600*               | 125                          |
| 130                          | 60.5                 | 205.5                         | 155,400                           | 87,000                                                               | 252,300*               | 192,300                                                              | 329,000*               | 255,700                                                              | 372,000*               | 130                          |
| 135                          | 59.0                 | 202.2                         | 144,800                           | 78,200                                                               | 239,000*               | 179,300                                                              | 313,400*               | 240,100                                                              | 354,800*               | 135                          |
| 140                          | 57.5                 | 198.7                         | 135,000                           | 70,100                                                               | 226,700*               | 167,300                                                              | 298,800*               | 225,800                                                              | 338,700*               | 140                          |
| 145                          | 55.9                 | 195.0                         | 125,600*                          | 62,500                                                               | 215,200*               | 156,100                                                              | 285,200*               | 212,400                                                              | 323,800*               | 145                          |
| 150                          | 54.4                 | 191.1                         | 116,500*                          | 55,400                                                               | 204,500*               | 145,700                                                              | 272,400*               | 200,000                                                              | 309,800*               | 150                          |
| 155                          | 52.8                 | 186.9                         | 107,900*                          | 48,800                                                               | 194,400*               | 135,900                                                              | 260,500*               | 188,300                                                              | 296,600*               | 155                          |
| 160                          | 51.1                 | 182.5                         | 99,800*                           | 42,500                                                               | 185,000*               | 126,800                                                              | 249,300*               | 177,400                                                              | 284,300*               | 160                          |
| 165                          | 49.4                 | 177.9                         | 92,300*                           | 36,700                                                               | 176,200*               | 118,200                                                              | 238,500*               | 167,200                                                              | 272,700*               | 165                          |
| 170                          | 47.7                 | 172.9                         | 85,100*                           | 31,200                                                               | 167,800*               | 110,100                                                              | 228,300*               | 157,600                                                              | 261,700*               | 170                          |
| 175                          | 45.9                 | 167.7                         | 78,400*                           | 26,000                                                               | 160,000*               | 102,500                                                              | 218,600*               | 148,500                                                              | 251,400*               | 175                          |
| 180                          | 44.0                 | 162.0                         | 72,000*                           | 21,000                                                               | 152,500*               | 95,300                                                               | 209,500*               | 139,900                                                              | 241,600*               | 180                          |
| 185                          | 42.1                 | 156.0                         | 65,900*                           | 16,400                                                               | 145,400*               | 88,400                                                               | 200,900*               | 131,800                                                              | 232,300*               | 185                          |
| 190                          | 40.0                 | 149.6                         | 60,200*                           | 11,900                                                               | 138,700*               | 81,900                                                               | 192,700*               | 124,000                                                              | 223,500*               | 190                          |
| 195                          | 37.9                 | 142.6                         | 54,700*                           | 7,600                                                                | 131,000*               | 75,700                                                               | 184,900*               | 116,600                                                              | 213,400*               | 195                          |
| 200                          | 35.7                 | 135.1                         | 49,400*                           | 3,500                                                                | 123,700*               | 69,800                                                               | 177,500*               | 109,600                                                              | 202,000*               | 200                          |
| 210                          | 30.7                 | 117.7                         | 39,400*                           |                                                                      | 110,000*               | 58,600                                                               | 161,800*               | 96,300                                                               | 180,200*               | 210                          |
| 220                          | 24.7                 | 95.6                          | 30,100*                           |                                                                      | 97,200*                | 48,000                                                               | 142,000*               | 83,900                                                               | 159,200*               | 220                          |

# Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
 492,000 Lb. Crane Counterweight  
 320,000 Lb. Carbody Counterweight  
 0 Lb. thru 599,800 Lb. Hanging Counterweight  
 at 59 Ft. Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

**18000 With  
 21000 MAX-ER**



## 200 Ft. Boom

### 50 Ft. Fixed Jib, 5 Degree Offset

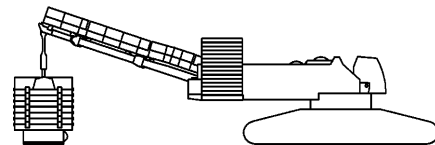
| Jib<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Feet | 0 Lb.<br>Hanging<br>Counterweight | 247,800 Lb.<br>Hanging Counterweight                                 |                        | 467,800 Lb.<br>Hanging Counterweight                                 |                        | 599,800 Lb.<br>Hanging Counterweight                                 |                        | Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------|----------------------|-------------------------------|-----------------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|------------------------------|
|                              |                      |                               | Jib Capacity<br>Pounds            | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds |                              |
| 55                           | 81.3                 | 257.4                         | 528,700*                          | 435,600                                                              | 720,000*               | 712,600                                                              | 881,900*               |                                                                      |                        | 55                           |
| 60                           | 80.1                 | 256.3                         | 474,400*                          | 380,800                                                              | 653,900*               | 631,100                                                              | 806,200*               |                                                                      |                        | 60                           |
| 65                           | 78.9                 | 255.1                         | 428,600*                          | 335,500                                                              | 597,600*               | 563,800                                                              | 738,600*               |                                                                      |                        | 65                           |
| 70                           | 77.8                 | 253.9                         | 389,600*                          | 297,400                                                              | 549,100*               | 507,300                                                              | 680,300*               | 633,400                                                              | 759,100*               | 70                           |
| 75                           | 76.6                 | 252.5                         | 355,900*                          | 265,000                                                              | 506,900*               | 459,100                                                              | 629,600*               | 575,800                                                              | 703,200*               | 75                           |
| 80                           | 75.4                 | 251.0                         | 326,500*                          | 237,000                                                              | 469,800*               | 417,600                                                              | 585,000*               | 526,100                                                              | 654,200*               | 80                           |
| 85                           | 74.2                 | 249.3                         | 300,700*                          | 212,700                                                              | 436,900*               | 381,400                                                              | 545,500*               | 482,800                                                              | 610,700*               | 85                           |
| 90                           | 73.0                 | 247.6                         | 277,700*                          | 191,200                                                              | 407,600*               | 349,600                                                              | 510,300*               | 444,800                                                              | 572,000*               | 90                           |
| 95                           | 71.8                 | 245.7                         | 257,200*                          | 172,200                                                              | 380,200*               | 321,400                                                              | 478,800*               | 411,100                                                              | 537,200*               | 95                           |
| 100                          | 70.5                 | 243.8                         | 238,800*                          | 155,300                                                              | 355,600*               | 296,300                                                              | 450,300*               | 381,100                                                              | 505,900*               | 100                          |
| 105                          | 69.3                 | 241.6                         | 222,000                           | 140,100                                                              | 333,300*               | 273,700                                                              | 424,400*               | 354,100                                                              | 477,400*               | 105                          |
| 110                          | 68.0                 | 239.4                         | 205,000                           | 126,300                                                              | 313,000*               | 253,300                                                              | 400,800*               | 329,700                                                              | 451,500*               | 110                          |
| 115                          | 66.8                 | 237.0                         | 189,600                           | 113,800                                                              | 294,500*               | 234,800                                                              | 379,300*               | 307,600                                                              | 427,800*               | 115                          |
| 120                          | 65.5                 | 234.5                         | 175,700                           | 102,400                                                              | 277,600*               | 218,000                                                              | 359,500*               | 287,500                                                              | 406,000*               | 120                          |
| 125                          | 64.2                 | 231.9                         | 163,000                           | 92,000                                                               | 262,100*               | 202,500                                                              | 341,200*               | 269,000                                                              | 385,900*               | 125                          |
| 130                          | 62.9                 | 229.1                         | 151,400                           | 82,400                                                               | 247,700*               | 188,300                                                              | 324,300*               | 252,000                                                              | 367,300*               | 130                          |
| 135                          | 61.6                 | 226.1                         | 140,800                           | 73,500                                                               | 234,500*               | 175,200                                                              | 308,600*               | 236,400                                                              | 350,100*               | 135                          |
| 140                          | 60.2                 | 223.0                         | 130,500*                          | 65,300                                                               | 222,100*               | 163,100                                                              | 294,100*               | 221,900                                                              | 334,000*               | 140                          |
| 145                          | 58.9                 | 219.8                         | 120,700*                          | 57,600                                                               | 210,700*               | 151,800                                                              | 280,500*               | 208,500                                                              | 319,100*               | 145                          |
| 150                          | 57.5                 | 216.3                         | 111,500*                          | 50,500                                                               | 199,900*               | 141,400                                                              | 267,700*               | 196,000                                                              | 305,100*               | 150                          |
| 155                          | 56.1                 | 212.7                         | 102,900*                          | 43,900                                                               | 189,900*               | 131,600                                                              | 255,800*               | 184,300                                                              | 292,000*               | 155                          |
| 160                          | 54.6                 | 208.9                         | 94,900*                           | 37,600                                                               | 180,500*               | 122,400                                                              | 244,600*               | 173,300                                                              | 279,700*               | 160                          |
| 165                          | 53.2                 | 204.8                         | 87,300*                           | 31,800                                                               | 171,700*               | 113,800                                                              | 234,000*               | 163,100                                                              | 268,100*               | 165                          |
| 170                          | 51.7                 | 200.6                         | 80,200*                           | 26,300                                                               | 163,400*               | 105,700                                                              | 223,800*               | 153,400                                                              | 257,100*               | 170                          |
| 175                          | 50.1                 | 196.1                         | 73,400*                           | 21,100                                                               | 155,500*               | 98,000                                                               | 214,200*               | 144,300                                                              | 246,800*               | 175                          |
| 180                          | 48.6                 | 191.4                         | 67,100*                           | 16,100                                                               | 148,100*               | 90,800                                                               | 205,100*               | 135,700                                                              | 237,100*               | 180                          |
| 185                          | 47.0                 | 186.4                         | 61,000*                           | 11,500                                                               | 141,000*               | 84,000                                                               | 196,500*               | 127,600                                                              | 227,800*               | 185                          |
| 190                          | 45.3                 | 181.1                         | 55,300*                           | 7,000                                                                | 134,200*               | 77,500                                                               | 188,400*               | 119,900                                                              | 219,000*               | 190                          |
| 195                          | 43.6                 | 175.5                         | 49,900*                           | 2,800                                                                | 126,600*               | 71,400                                                               | 180,600*               | 112,600                                                              | 210,600*               | 195                          |
| 200                          | 41.8                 | 169.5                         | 44,700*                           |                                                                      | 119,400*               | 65,500                                                               | 173,300*               | 105,600                                                              | 202,700*               | 200                          |
| 210                          | 38.0                 | 156.3                         | 34,900*                           |                                                                      | 105,900*               | 54,500                                                               | 159,500*               | 92,600                                                               | 187,500*               | 210                          |
| 220                          | 33.9                 | 141.0                         | 26,000*                           |                                                                      | 93,500*                | 44,400                                                               | 147,000*               | 80,600                                                               | 167,700*               | 220                          |
| 230                          | 29.1                 | 122.7                         | 17,600*                           |                                                                      | 82,000*                | 35,000                                                               | 132,000*               | 69,500                                                               | 149,000*               | 230                          |
| 240                          | 23.4                 | 99.7                          |                                   |                                                                      | 71,200*                | 26,100                                                               | 114,800*               | 59,000                                                               | 130,800*               | 240                          |

# Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
 492,000 Lb. Crane Counterweight  
 320,000 Lb. Carbody Counterweight  
 0 Lb. thru 599,800 Lb. Hanging Counterweight  
 at 59 Ft. Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

## 18000 With 21000 MAX-ER



**220 Ft. Boom**

**50 Ft. Fixed Jib, 5 Degree Offset**

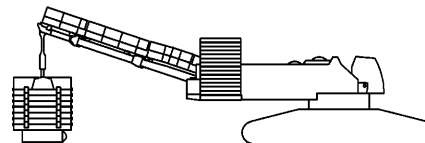
| Jib<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Feet | 0 Lb.<br>Hanging<br>Counterweight | 247,800 Lb.<br>Hanging Counterweight                                 |                        | 467,800 Lb.<br>Hanging Counterweight                                 |                        | 599,800 Lb.<br>Hanging Counterweight                                 |                        | Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------|----------------------|-------------------------------|-----------------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|------------------------------|
|                              |                      |                               | Jib Capacity<br>Pounds            | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds |                              |
| 55                           | 82.1                 | 277.7                         | 526,400*                          | 438,400                                                              | 717,100*               | 634,900                                                              | 783,300*               |                                                                      |                        | 55                           |
| 60                           | 81.0                 | 276.7                         | 471,800*                          | 382,400                                                              | 650,800*               | 566,400                                                              | 735,400*               |                                                                      |                        | 60                           |
| 65                           | 79.9                 | 275.6                         | 425,800*                          | 336,200                                                              | 594,300*               | 508,800                                                              | 677,000*               | 636,000                                                              | 755,700*               | 65                           |
| 70                           | 78.8                 | 274.4                         | 386,600*                          | 297,300                                                              | 545,700*               | 459,900                                                              | 626,100*               | 577,400                                                              | 699,800*               | 70                           |
| 75                           | 77.7                 | 273.1                         | 352,800*                          | 264,300                                                              | 503,400*               | 417,700                                                              | 581,400*               | 527,000                                                              | 650,600*               | 75                           |
| 80                           | 76.6                 | 271.7                         | 323,300*                          | 235,800                                                              | 466,200*               | 380,900                                                              | 541,900*               | 483,100                                                              | 607,100*               | 80                           |
| 85                           | 75.5                 | 270.2                         | 297,300*                          | 211,000                                                              | 433,300*               | 348,600                                                              | 506,600*               | 444,500                                                              | 568,300*               | 85                           |
| 90                           | 74.4                 | 268.6                         | 274,300*                          | 189,200                                                              | 403,900*               | 320,000                                                              | 475,000*               | 410,300                                                              | 533,400*               | 90                           |
| 95                           | 73.3                 | 266.9                         | 253,700*                          | 169,800                                                              | 376,700*               | 294,500                                                              | 446,400*               | 379,800                                                              | 502,000*               | 95                           |
| 100                          | 72.2                 | 265.1                         | 235,200*                          | 152,600                                                              | 352,000*               | 271,600                                                              | 420,500*               | 352,500                                                              | 473,500*               | 100                          |
| 105                          | 71.0                 | 263.2                         | 218,500*                          | 137,100                                                              | 329,600*               | 251,000                                                              | 396,900*               | 327,800                                                              | 447,500*               | 105                          |
| 110                          | 69.9                 | 261.1                         | 202,100                           | 123,100                                                              | 309,300*               | 232,200                                                              | 375,300*               | 305,400                                                              | 423,800*               | 110                          |
| 115                          | 68.7                 | 259.0                         | 186,600                           | 110,400                                                              | 290,800*               | 215,100                                                              | 355,400*               | 285,000                                                              | 401,900*               | 115                          |
| 120                          | 67.6                 | 256.7                         | 172,600                           | 98,900                                                               | 273,800*               | 199,500                                                              | 337,100*               | 266,400                                                              | 381,800*               | 120                          |
| 125                          | 66.4                 | 254.3                         | 159,800                           | 88,300                                                               | 258,200*               | 185,100                                                              | 320,200*               | 249,200                                                              | 363,200*               | 125                          |
| 130                          | 65.2                 | 251.7                         | 148,200                           | 78,500                                                               | 243,800*               | 171,900                                                              | 304,500*               | 233,400                                                              | 345,900*               | 130                          |
| 135                          | 64.0                 | 249.1                         | 137,000*                          | 69,500                                                               | 230,500*               | 159,600                                                              | 289,900*               | 218,700                                                              | 329,900*               | 135                          |
| 140                          | 62.8                 | 246.3                         | 126,400*                          | 61,200                                                               | 218,200*               | 148,200                                                              | 276,300*               | 205,200                                                              | 314,900*               | 140                          |
| 145                          | 61.6                 | 243.3                         | 116,400*                          | 53,500                                                               | 206,600*               | 137,600                                                              | 263,500*               | 192,500                                                              | 300,900*               | 145                          |
| 150                          | 60.3                 | 240.2                         | 107,200*                          | 46,300                                                               | 195,900*               | 127,700                                                              | 251,600*               | 180,700                                                              | 287,700*               | 150                          |
| 155                          | 59.1                 | 237.0                         | 98,500*                           | 39,500                                                               | 185,900*               | 118,500                                                              | 240,400*               | 169,700                                                              | 275,400*               | 155                          |
| 160                          | 57.8                 | 233.6                         | 90,400*                           | 33,200                                                               | 176,400*               | 109,800                                                              | 229,800*               | 159,300                                                              | 263,800*               | 160                          |
| 165                          | 56.5                 | 230.0                         | 82,800*                           | 27,300                                                               | 167,600*               | 101,600                                                              | 219,700*               | 149,600                                                              | 252,900*               | 165                          |
| 170                          | 55.2                 | 226.3                         | 75,600*                           | 21,800                                                               | 159,200*               | 93,900                                                               | 210,100*               | 140,400                                                              | 242,600*               | 170                          |
| 175                          | 53.8                 | 222.3                         | 68,800*                           | 16,500                                                               | 151,400*               | 86,600                                                               | 201,000*               | 131,800                                                              | 232,800*               | 175                          |
| 180                          | 52.5                 | 218.2                         | 62,400*                           | 11,600                                                               | 143,900*               | 79,800                                                               | 192,400*               | 123,600                                                              | 223,500*               | 180                          |
| 185                          | 51.1                 | 213.9                         | 56,400*                           | 6,900                                                                | 136,900*               | 73,300                                                               | 184,200*               | 115,900                                                              | 214,700*               | 185                          |
| 190                          | 49.6                 | 209.3                         | 50,600*                           | 2,400                                                                | 129,800*               | 67,100                                                               | 176,500*               | 108,500                                                              | 206,400*               | 190                          |
| 195                          | 48.2                 | 204.5                         | 45,200*                           |                                                                      | 122,200*               | 61,200                                                               | 169,100*               | 101,500                                                              | 198,400*               | 195                          |
| 200                          | 46.7                 | 199.5                         | 40,000*                           |                                                                      | 115,000*               | 50,200                                                               | 155,400*               | 88,500                                                               | 183,600*               | 200                          |
| 210                          | 43.5                 | 188.5                         | 30,300*                           |                                                                      | 101,500*               | 40,200                                                               | 142,900*               | 76,600                                                               | 170,100*               | 210                          |
| 220                          | 40.2                 | 176.2                         | 21,400*                           |                                                                      | 89,200*                | 31,000                                                               | 131,400*               | 65,700                                                               | 154,900*               | 220                          |
| 230                          | 36.5                 | 162.3                         |                                   |                                                                      | 77,900*                | 22,400                                                               | 120,800*               | 55,500                                                               | 137,800*               | 230                          |
| 240                          | 32.5                 | 146.2                         |                                   |                                                                      | 67,400*                | 14,300                                                               | 105,700*               | 46,000                                                               | 121,500*               | 240                          |
| 250                          | 28.0                 | 127.1                         |                                   |                                                                      | 57,600*                | 6,600                                                                | 90,500*                | 36,900                                                               | 105,400*               | 250                          |
| 260                          | 22.4                 | 102.9                         |                                   |                                                                      | 48,200*                |                                                                      |                        |                                                                      |                        | 260                          |

# Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
 492,000 Lb. Crane Counterweight  
 320,000 Lb. Carbody Counterweight  
 0 Lb. thru 599,800 Lb. Hanging Counterweight  
 at 59 Ft. Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

## 18000 With 21000 MAX-ER



### 240 Ft. Boom

### 50 Ft. Fixed Jib, 5 Degree Offset

| Jib<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Feet | 247,800 Lb.<br>Hanging Counterweight                                 |                        | 467,800 Lb.<br>Hanging Counterweight                                 |                        | 599,800 Lb.<br>Hanging Counterweight                                 |                        | Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------|----------------------|-------------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|------------------------------|
|                              |                      |                               | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds |                              |
| 60                           | 81.7                 | 297.0                         | 385,100                                                              | 648,900*               |                                                                      |                        |                                                                      |                        | 60                           |
| 65                           | 80.7                 | 296.0                         | 338,000                                                              | 592,300*               |                                                                      |                        |                                                                      |                        | 65                           |
| 70                           | 79.7                 | 294.9                         | 298,500                                                              | 543,600*               | 511,600                                                              | 668,300*               |                                                                      |                        | 70                           |
| 75                           | 78.7                 | 293.7                         | 264,900                                                              | 501,200*               | 461,900                                                              | 623,900*               |                                                                      |                        | 75                           |
| 80                           | 77.7                 | 292.4                         | 236,000                                                              | 463,900*               | 419,100                                                              | 579,200*               | 529,200                                                              | 648,400*               | 80                           |
| 85                           | 76.6                 | 291.0                         | 210,800                                                              | 430,900*               | 381,900                                                              | 539,600*               | 484,700                                                              | 604,800*               | 85                           |
| 90                           | 75.6                 | 289.5                         | 188,600                                                              | 401,500*               | 349,100                                                              | 504,300*               | 445,600                                                              | 565,900*               | 90                           |
| 95                           | 74.6                 | 287.9                         | 169,000                                                              | 374,500*               | 320,200                                                              | 472,600*               | 411,000                                                              | 531,000*               | 95                           |
| 100                          | 73.5                 | 286.3                         | 151,600                                                              | 349,700*               | 294,400                                                              | 444,000*               | 380,200                                                              | 499,600*               | 100                          |
| 105                          | 72.5                 | 284.5                         | 135,900                                                              | 327,300*               | 271,200                                                              | 418,000*               | 352,500                                                              | 471,000*               | 105                          |
| 110                          | 71.4                 | 282.6                         | 121,700                                                              | 307,000*               | 250,300                                                              | 394,400*               | 327,600                                                              | 445,000*               | 110                          |
| 115                          | 70.4                 | 280.6                         | 108,800                                                              | 288,400*               | 231,300                                                              | 372,700*               | 304,900                                                              | 421,200*               | 115                          |
| 120                          | 69.3                 | 278.5                         | 97,100                                                               | 271,400*               | 214,000                                                              | 352,900*               | 284,300                                                              | 399,400*               | 120                          |
| 125                          | 68.2                 | 276.3                         | 86,400                                                               | 255,800*               | 198,200                                                              | 334,500*               | 265,400                                                              | 379,200*               | 125                          |
| 130                          | 67.1                 | 274.0                         | 76,500                                                               | 241,400*               | 183,700                                                              | 317,600*               | 248,100                                                              | 360,600*               | 130                          |
| 135                          | 66.0                 | 271.5                         | 67,400                                                               | 228,000*               | 170,300                                                              | 301,900*               | 232,100                                                              | 343,300*               | 135                          |
| 140                          | 64.9                 | 269.0                         | 59,000                                                               | 215,700*               | 157,900                                                              | 287,300*               | 217,400                                                              | 327,200*               | 140                          |
| 145                          | 63.8                 | 266.3                         | 51,200                                                               | 204,100*               | 146,400                                                              | 273,600*               | 203,700                                                              | 312,200*               | 145                          |
| 150                          | 62.7                 | 263.5                         | 43,900                                                               | 193,400*               | 135,700                                                              | 260,900*               | 190,900                                                              | 298,200*               | 150                          |
| 155                          | 61.5                 | 260.5                         | 37,100                                                               | 183,300*               | 125,700                                                              | 248,900*               | 179,000                                                              | 285,100*               | 155                          |
| 160                          | 60.4                 | 257.5                         | 30,800                                                               | 173,900*               | 116,400                                                              | 237,700*               | 167,900                                                              | 272,700*               | 160                          |
| 165                          | 59.2                 | 254.2                         | 24,800                                                               | 165,000*               | 107,700                                                              | 227,100*               | 157,500                                                              | 261,100*               | 165                          |
| 170                          | 58.0                 | 250.9                         | 19,200                                                               | 156,700*               | 99,400                                                               | 217,100*               | 147,700                                                              | 250,200*               | 170                          |
| 175                          | 56.8                 | 247.4                         | 13,900                                                               | 148,800*               | 91,700                                                               | 207,500*               | 138,400                                                              | 239,900*               | 175                          |
| 180                          | 55.6                 | 243.7                         | 8,900                                                                | 141,300*               | 84,400                                                               | 198,400*               | 129,700                                                              | 230,100*               | 180                          |
| 185                          | 54.4                 | 239.8                         | 4,200                                                                | 134,300*               | 77,500                                                               | 189,800*               | 121,500                                                              | 220,800*               | 185                          |
| 190                          | 53.1                 | 235.8                         |                                                                      | 127,300*               | 70,900                                                               | 181,600*               | 113,700                                                              | 212,000*               | 190                          |
| 195                          | 51.8                 | 231.6                         |                                                                      | 119,700*               | 64,700                                                               | 173,900*               | 106,300                                                              | 203,700*               | 195                          |
| 200                          | 50.5                 | 227.2                         |                                                                      | 112,500*               | 58,800                                                               | 166,500*               | 99,300                                                               | 195,700*               | 200                          |
| 210                          | 47.8                 | 217.7                         |                                                                      | 99,000*                | 47,800                                                               | 152,800*               | 86,300                                                               | 180,900*               | 210                          |
| 220                          | 44.9                 | 207.2                         |                                                                      | 86,700*                | 37,800                                                               | 140,300*               | 74,400                                                               | 167,400*               | 220                          |
| 230                          | 41.9                 | 195.7                         |                                                                      | 75,500*                | 28,600                                                               | 128,900*               | 63,500                                                               | 155,000*               | 230                          |
| 240                          | 38.7                 | 182.7                         |                                                                      | 65,100*                | 20,200                                                               | 118,400*               | 53,500                                                               | 143,600*               | 240                          |
| 250                          | 35.2                 | 168.1                         |                                                                      | 55,400*                | 12,300                                                               | 108,300*               | 44,100                                                               | 128,200*               | 250                          |
| 260                          | 31.3                 | 151.2                         |                                                                      | 46,400*                | 4,900                                                                | 97,100*                | 35,400                                                               | 113,200*               | 260                          |
| 270                          | 26.9                 | 131.2                         |                                                                      | 37,900*                |                                                                      | 84,000*                | 27,100                                                               | 98,800*                | 270                          |
| 280                          | 21.6                 | 106.1                         |                                                                      | 29,700*                |                                                                      | 70,500*                | 19,200                                                               | 84,400*                | 280                          |

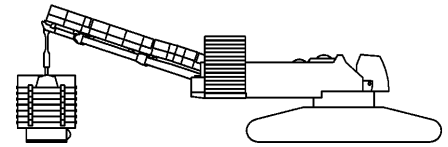


# Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
492,000 Lb. Crane Counterweight  
320,000 Lb. Carbody Counterweight  
0 Lb. thru 599,800 Lb. Hanging Counterweight  
at 59 Ft. Position  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements

**18000 With  
21000 MAX-ER**



## 260 Ft. Boom 50 Ft. Fixed Jib, 5 Degree Offset

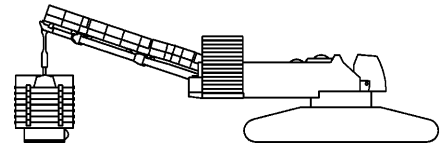
| Jib<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Feet | 247,800 Lb.<br>Hanging Counterweight                                 |                        | 467,800 Lb.<br>Hanging Counterweight                                 |                        | 599,800 Lb.<br>Hanging Counterweight                                 |                        | Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------|----------------------|-------------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|------------------------------|
|                              |                      |                               | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds |                              |
| 60                           | 82.0                 | 317.5                         | 382,300                                                              | 578,800*               |                                                                      |                        |                                                                      |                        | 60                           |
| 65                           | 81.1                 | 316.6                         | 334,700                                                              | 578,800*               |                                                                      |                        |                                                                      |                        | 65                           |
| 70                           | 80.1                 | 315.5                         | 294,800                                                              | 538,200*               |                                                                      |                        |                                                                      |                        | 70                           |
| 75                           | 79.2                 | 314.4                         | 260,900                                                              | 495,800*               | 459,100                                                              | 578,800*               |                                                                      |                        | 75                           |
| 80                           | 78.2                 | 313.2                         | 231,700                                                              | 458,600*               | 415,900                                                              | 573,800*               |                                                                      |                        | 80                           |
| 85                           | 77.3                 | 311.9                         | 206,300                                                              | 425,600*               | 378,300                                                              | 534,300*               | 481,800                                                              | 578,800*               | 85                           |
| 90                           | 76.3                 | 310.6                         | 183,900                                                              | 396,200*               | 345,300                                                              | 499,000*               | 442,400                                                              | 560,600*               | 90                           |
| 95                           | 75.4                 | 309.1                         | 164,200                                                              | 369,500*               | 316,200                                                              | 467,300*               | 407,500                                                              | 525,800*               | 95                           |
| 100                          | 74.4                 | 307.5                         | 146,600                                                              | 344,700*               | 290,100                                                              | 438,700*               | 376,400                                                              | 494,300*               | 100                          |
| 105                          | 73.4                 | 305.9                         | 130,800                                                              | 322,300*               | 266,800                                                              | 412,800*               | 348,600                                                              | 465,800*               | 105                          |
| 110                          | 72.5                 | 304.1                         | 116,500                                                              | 302,000*               | 245,800                                                              | 389,200*               | 323,400                                                              | 439,800*               | 110                          |
| 115                          | 71.5                 | 302.3                         | 103,600                                                              | 283,400*               | 226,700                                                              | 367,600*               | 300,700                                                              | 416,100*               | 115                          |
| 120                          | 70.5                 | 300.4                         | 91,800                                                               | 266,400*               | 209,300                                                              | 347,700*               | 279,900                                                              | 394,200*               | 120                          |
| 125                          | 69.5                 | 298.3                         | 81,000                                                               | 250,800*               | 193,400                                                              | 329,400*               | 260,900                                                              | 374,100*               | 125                          |
| 130                          | 68.5                 | 296.2                         | 71,100                                                               | 236,400*               | 178,800                                                              | 312,500*               | 243,500                                                              | 355,500*               | 130                          |
| 135                          | 67.5                 | 293.9                         | 62,000                                                               | 223,100*               | 165,300                                                              | 296,800*               | 227,400                                                              | 338,200*               | 135                          |
| 140                          | 66.5                 | 291.6                         | 53,500                                                               | 210,700*               | 152,900                                                              | 282,200*               | 212,600                                                              | 322,200*               | 140                          |
| 145                          | 65.4                 | 289.1                         | 45,700                                                               | 199,200*               | 141,300                                                              | 268,600*               | 198,800                                                              | 307,200*               | 145                          |
| 150                          | 64.4                 | 286.5                         | 38,400                                                               | 188,500*               | 130,600                                                              | 255,900*               | 186,000                                                              | 293,200*               | 150                          |
| 155                          | 63.4                 | 283.8                         | 31,600                                                               | 178,400*               | 120,600                                                              | 243,900*               | 174,100                                                              | 280,100*               | 155                          |
| 160                          | 62.3                 | 281.0                         | 25,200                                                               | 169,000*               | 111,200                                                              | 232,700*               | 162,900                                                              | 267,800*               | 160                          |
| 165                          | 61.2                 | 278.1                         | 19,200                                                               | 160,200*               | 102,400                                                              | 222,200*               | 152,400                                                              | 256,200*               | 165                          |
| 170                          | 60.2                 | 275.0                         | 13,600                                                               | 151,800*               | 94,200                                                               | 212,300*               | 142,600                                                              | 245,200*               | 170                          |
| 175                          | 59.1                 | 271.8                         | 8,300                                                                | 144,000*               | 86,400                                                               | 202,700*               | 133,400                                                              | 234,900*               | 175                          |
| 180                          | 58.0                 | 268.5                         | 3,300                                                                | 136,600*               | 79,100                                                               | 193,600*               | 124,600                                                              | 225,200*               | 180                          |
| 185                          | 56.8                 | 265.0                         |                                                                      | 129,500*               | 72,200                                                               | 185,000*               | 116,400                                                              | 215,900*               | 185                          |
| 190                          | 55.7                 | 261.4                         |                                                                      | 121,900*               | 65,600                                                               | 176,900*               | 108,600                                                              | 207,200*               | 190                          |
| 195                          | 54.5                 | 257.6                         |                                                                      | 114,300*               | 59,400                                                               | 169,200*               | 101,200                                                              | 198,800*               | 195                          |
| 200                          | 53.4                 | 253.7                         |                                                                      | 107,000*               | 53,500                                                               | 161,800*               | 94,200                                                               | 190,900*               | 200                          |
| 210                          | 51.0                 | 245.3                         |                                                                      | 93,600*                | 42,500                                                               | 148,200*               | 81,200                                                               | 176,200*               | 210                          |
| 220                          | 48.5                 | 236.1                         |                                                                      | 81,400*                | 32,600                                                               | 135,700*               | 69,300                                                               | 162,700*               | 220                          |
| 230                          | 45.9                 | 226.1                         |                                                                      | 70,200*                | 23,400                                                               | 124,400*               | 58,500                                                               | 150,400*               | 230                          |
| 240                          | 43.1                 | 215.1                         |                                                                      | 59,900*                | 15,000                                                               | 113,900*               | 48,500                                                               | 139,000*               | 240                          |
| 250                          | 40.2                 | 203.0                         |                                                                      | 50,300*                | 7,300                                                                | 103,400*               | 39,300                                                               | 128,500*               | 250                          |
| 260                          | 37.1                 | 189.5                         |                                                                      | 41,500*                |                                                                      | 92,400*                | 30,700                                                               | 115,500*               | 260                          |
| 270                          | 33.8                 | 174.2                         |                                                                      | 33,200*                |                                                                      | 82,100*                | 22,700                                                               | 101,700*               | 270                          |
| 280                          | 30.0                 | 156.7                         |                                                                      | 25,400*                |                                                                      | 72,400*                | 15,200                                                               | 88,500*                | 280                          |
| 290                          | 25.8                 | 136.0                         |                                                                      | 18,000*                |                                                                      | 62,000*                | 8,000                                                                | 75,800*                | 290                          |
| 300                          | 20.7                 | 110.0                         |                                                                      |                        |                                                                      | 50,000*                | 1,000                                                                | 63,100*                | 300                          |

# Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
 492,000 Lb. Crane Counterweight  
 320,000 Lb. Carbody Counterweight  
 0 Lb. thru 599,800 Lb. Hanging Counterweight  
 at 59 Ft. Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

**18000 With  
 21000 MAX-ER**



## 280 Ft. Boom

### 50 Ft. Fixed Jib, 5 Degree Offset

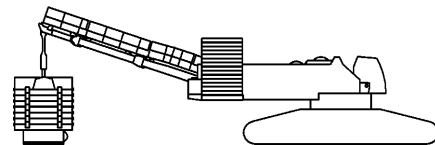
| Jib<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Feet | 247,800 Lb.<br>Hanging Counterweight                                 |                        | 467,800 Lb.<br>Hanging Counterweight                                 |                        | 599,800 Lb.<br>Hanging Counterweight                                 |                        | Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------|----------------------|-------------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|------------------------------|
|                              |                      |                               | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds |                              |
| 65                           | 81.7                 | 336.9                         | 335,700                                                              | 501,800*               |                                                                      |                        |                                                                      |                        | 65                           |
| 70                           | 80.8                 | 335.9                         | 295,200                                                              | 501,800*               |                                                                      |                        |                                                                      |                        | 70                           |
| 75                           | 79.9                 | 334.9                         | 260,700                                                              | 493,300*               |                                                                      |                        |                                                                      |                        | 75                           |
| 80                           | 79.0                 | 333.7                         | 231,100                                                              | 456,000*               | 416,500                                                              | 501,800*               |                                                                      |                        | 80                           |
| 85                           | 78.1                 | 332.5                         | 205,400                                                              | 423,000*               | 378,400                                                              | 501,800*               |                                                                      |                        | 85                           |
| 90                           | 77.2                 | 331.2                         | 182,700                                                              | 393,500*               | 345,100                                                              | 496,300*               |                                                                      |                        | 90                           |
| 95                           | 76.3                 | 329.9                         | 162,700                                                              | 367,000*               | 315,500                                                              | 464,600*               | 407,400                                                              | 501,800*               | 95                           |
| 100                          | 75.4                 | 328.4                         | 144,900                                                              | 342,100*               | 289,200                                                              | 435,900*               | 376,000                                                              | 491,500*               | 100                          |
| 105                          | 74.5                 | 326.9                         | 128,900                                                              | 319,700*               | 265,700                                                              | 410,000*               | 347,800                                                              | 463,000*               | 105                          |
| 110                          | 73.6                 | 325.2                         | 114,500                                                              | 299,300*               | 244,400                                                              | 386,300*               | 322,500                                                              | 437,000*               | 110                          |
| 115                          | 72.7                 | 323.5                         | 101,400                                                              | 280,700*               | 225,100                                                              | 364,700*               | 299,500                                                              | 413,200*               | 115                          |
| 120                          | 71.8                 | 321.7                         | 89,500                                                               | 263,700*               | 207,600                                                              | 344,800*               | 278,500                                                              | 391,300*               | 120                          |
| 125                          | 70.9                 | 319.8                         | 78,600                                                               | 248,100*               | 191,500                                                              | 326,500*               | 259,400                                                              | 371,200*               | 125                          |
| 130                          | 69.9                 | 317.8                         | 68,600                                                               | 233,700*               | 176,800                                                              | 309,600*               | 241,800                                                              | 352,600*               | 130                          |
| 135                          | 69.0                 | 315.7                         | 59,400                                                               | 220,300*               | 163,200                                                              | 293,900*               | 225,600                                                              | 335,300*               | 135                          |
| 140                          | 68.0                 | 313.6                         | 50,800                                                               | 207,900*               | 150,600                                                              | 279,300*               | 210,600                                                              | 319,200*               | 140                          |
| 145                          | 67.1                 | 311.3                         | 42,900                                                               | 196,400*               | 139,000                                                              | 265,600*               | 196,700                                                              | 304,200*               | 145                          |
| 150                          | 66.1                 | 308.9                         | 35,500                                                               | 185,700*               | 128,100                                                              | 252,900*               | 183,800                                                              | 290,200*               | 150                          |
| 155                          | 65.2                 | 306.4                         | 28,600                                                               | 175,600*               | 118,000                                                              | 241,000*               | 171,800                                                              | 277,100*               | 155                          |
| 160                          | 64.2                 | 303.8                         | 22,200                                                               | 166,200*               | 108,600                                                              | 229,700*               | 160,500                                                              | 264,800*               | 160                          |
| 165                          | 63.2                 | 301.1                         | 16,200                                                               | 157,300*               | 99,800                                                               | 219,200*               | 150,000                                                              | 253,200*               | 165                          |
| 170                          | 62.2                 | 298.3                         | 10,500                                                               | 149,000*               | 91,400                                                               | 209,300*               | 140,100                                                              | 242,200*               | 170                          |
| 175                          | 61.2                 | 295.3                         | 5,200                                                                | 141,100*               | 83,600                                                               | 199,800*               | 130,800                                                              | 231,900*               | 175                          |
| 180                          | 60.2                 | 292.3                         | 100                                                                  | 133,700*               | 76,300                                                               | 190,700*               | 122,000                                                              | 222,200*               | 180                          |
| 185                          | 59.2                 | 289.1                         |                                                                      | 126,600*               | 69,300                                                               | 182,100*               | 113,700                                                              | 212,900*               | 185                          |
| 190                          | 58.1                 | 285.8                         |                                                                      | 118,800*               | 62,700                                                               | 174,000*               | 105,900                                                              | 204,200*               | 190                          |
| 195                          | 57.1                 | 282.4                         |                                                                      | 111,200*               | 56,500                                                               | 166,200*               | 98,400                                                               | 195,800*               | 195                          |
| 200                          | 56.0                 | 278.8                         |                                                                      | 103,900*               | 50,500                                                               | 158,900*               | 91,400                                                               | 187,900*               | 200                          |
| 210                          | 53.8                 | 271.2                         |                                                                      | 90,500*                | 39,500                                                               | 145,200*               | 78,300                                                               | 173,200*               | 210                          |
| 220                          | 51.6                 | 263.0                         |                                                                      | 78,200*                | 29,500                                                               | 132,800*               | 66,400                                                               | 159,700*               | 220                          |
| 230                          | 49.3                 | 254.1                         |                                                                      | 67,000*                | 20,400                                                               | 121,500*               | 55,500                                                               | 147,400*               | 230                          |
| 240                          | 46.9                 | 244.4                         |                                                                      | 56,700*                | 12,000                                                               | 111,000*               | 45,600                                                               | 136,000*               | 240                          |
| 250                          | 44.4                 | 233.9                         |                                                                      | 47,200*                | 4,200                                                                | 100,400*               | 36,400                                                               | 125,600*               | 250                          |
| 260                          | 41.7                 | 222.4                         |                                                                      | 38,400*                |                                                                      | 89,400*                | 27,800                                                               | 115,900*               | 260                          |
| 270                          | 38.9                 | 209.7                         |                                                                      | 30,200*                |                                                                      | 79,200*                | 19,900                                                               | 105,200*               | 270                          |
| 280                          | 35.9                 | 195.5                         |                                                                      | 22,500*                |                                                                      | 69,700*                | 12,500                                                               | 92,300*                | 280                          |
| 290                          | 32.7                 | 179.6                         |                                                                      | 15,200*                |                                                                      | 60,700*                | 5,500                                                                | 80,100*                | 290                          |
| 300                          | 29.1                 | 161.4                         |                                                                      |                        |                                                                      | 52,200*                |                                                                      | 68,300*                | 300                          |
| 310                          | 25.0                 | 139.9                         |                                                                      |                        |                                                                      | 44,000*                |                                                                      | 56,900*                | 310                          |

# Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
 492,000 Lb. Crane Counterweight  
 320,000 Lb. Carbody Counterweight  
 0 Lb. thru 599,800 Lb. Hanging Counterweight  
 at 59 Ft. Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

**18000 With  
 21000 MAX-ER**



## 300 Ft. Boom 50 Ft. Fixed Jib, 5 Degree Offset

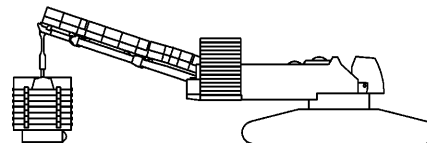
| Jib<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Feet | 467,800 Lb.<br>Hanging Counterweight                                 |                        | 599,800 Lb.<br>Hanging Counterweight                                 |                        |
|------------------------------|----------------------|-------------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|
|                              |                      |                               | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds |
| 90                           | 78.0                 | 351.8                         | 343,100                                                              | 437,300*               |                                                                      |                        |
| 95                           | 77.2                 | 350.5                         | 313,300                                                              | 437,300*               |                                                                      |                        |
| 100                          | 76.3                 | 349.2                         | 286,700                                                              | 431,900*               |                                                                      |                        |
| 105                          | 75.5                 | 347.7                         | 262,800                                                              | 405,900*               | 345,400                                                              | 437,300*               |
| 110                          | 74.6                 | 346.2                         | 241,300                                                              | 382,200*               | 319,700                                                              | 432,800*               |
| 115                          | 73.8                 | 344.6                         | 221,800                                                              | 360,500*               | 296,500                                                              | 409,000*               |
| 120                          | 72.9                 | 342.9                         | 204,100                                                              | 340,600*               | 275,400                                                              | 387,100*               |
| 125                          | 72.1                 | 341.1                         | 187,900                                                              | 322,300*               | 256,000                                                              | 366,900*               |
| 130                          | 71.2                 | 339.2                         | 173,000                                                              | 305,300*               | 238,300                                                              | 348,300*               |
| 135                          | 70.3                 | 337.3                         | 159,300                                                              | 289,600*               | 221,900                                                              | 331,000*               |
| 140                          | 69.4                 | 335.3                         | 146,600                                                              | 274,900*               | 206,800                                                              | 314,900*               |
| 145                          | 68.5                 | 333.1                         | 134,800                                                              | 261,300*               | 192,800                                                              | 299,900*               |
| 150                          | 67.6                 | 330.9                         | 123,900                                                              | 248,500*               | 179,800                                                              | 285,900*               |
| 155                          | 66.7                 | 328.6                         | 113,700                                                              | 236,600*               | 167,700                                                              | 272,700*               |
| 160                          | 65.8                 | 326.2                         | 104,200                                                              | 225,400*               | 156,300                                                              | 260,400*               |
| 165                          | 64.9                 | 323.7                         | 95,300                                                               | 214,800*               | 145,700                                                              | 248,800*               |
| 170                          | 64.0                 | 321.1                         | 86,900                                                               | 204,900*               | 135,700                                                              | 237,900*               |
| 175                          | 63.1                 | 318.3                         | 79,000                                                               | 195,500*               | 126,300                                                              | 227,500*               |
| 180                          | 62.1                 | 315.5                         | 71,600                                                               | 186,400*               | 117,500                                                              | 217,800*               |
| 185                          | 61.2                 | 312.6                         | 64,600                                                               | 177,800*               | 109,100                                                              | 208,500*               |
| 190                          | 60.2                 | 309.5                         | 57,900                                                               | 169,700*               | 101,300                                                              | 199,700*               |
| 195                          | 59.3                 | 306.4                         | 51,600                                                               | 161,900*               | 93,800                                                               | 191,400*               |
| 200                          | 58.3                 | 303.1                         | 45,700                                                               | 154,600*               | 86,700                                                               | 183,500*               |
| 210                          | 56.3                 | 296.2                         | 34,600                                                               | 140,900*               | 73,500                                                               | 168,700*               |
| 220                          | 54.3                 | 288.7                         | 24,500                                                               | 128,500*               | 61,600                                                               | 155,300*               |
| 230                          | 52.2                 | 280.6                         | 15,400                                                               | 117,100*               | 50,700                                                               | 142,900*               |
| 240                          | 50.0                 | 272.0                         | 6,900                                                                | 106,700*               | 40,700                                                               | 131,600*               |
| 250                          | 47.8                 | 262.6                         |                                                                      | 95,400*                | 31,400                                                               | 121,200*               |
| 260                          | 45.4                 | 252.4                         |                                                                      | 84,400*                | 22,900                                                               | 111,500*               |
| 270                          | 43.0                 | 241.4                         |                                                                      | 74,300*                | 15,000                                                               | 102,400*               |
| 280                          | 40.5                 | 229.3                         |                                                                      | 64,800*                | 7,600                                                                | 93,000*                |
| 290                          | 37.7                 | 216.1                         |                                                                      | 55,900*                | 700                                                                  | 80,900*                |
| 300                          | 34.8                 | 201.4                         |                                                                      | 47,500*                |                                                                      | 69,400*                |
| 310                          | 31.7                 | 184.9                         |                                                                      | 39,600*                |                                                                      | 58,500*                |
| 320                          | 28.2                 | 166.0                         |                                                                      | 32,100*                |                                                                      | 48,000*                |
| 330                          | 24.2                 | 143.7                         |                                                                      | 24,900*                |                                                                      | 37,700*                |

# Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
 492,000 Lb. Crane Counterweight  
 320,000 Lb. Carbody Counterweight  
 0 Lb. thru 599,800 Lb. Hanging Counterweight  
 at 59 Ft. Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

## 18000 With 21000 MAX-ER



### 320 Ft. Boom 50 Ft. Fixed Jib, 5 Degree Offset

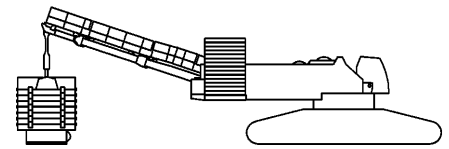
| Jib<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Feet | 467,800 Lb.<br>Hanging Counterweight                                 |                        | 599,800 Lb.<br>Hanging Counterweight                                 |                        |
|------------------------------|----------------------|-------------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|
|                              |                      |                               | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds |
| 95                           | 77.9                 | 371.1                         | 315,400                                                              | 374,300*               |                                                                      |                        |
| 100                          | 77.1                 | 369.8                         | 288,500                                                              | 373,400*               |                                                                      |                        |
| 105                          | 76.3                 | 368.5                         | 264,400                                                              | 372,400*               |                                                                      |                        |
| 110                          | 75.5                 | 367.0                         | 242,800                                                              | 371,400*               |                                                                      |                        |
| 115                          | 74.7                 | 365.5                         | 223,100                                                              | 360,000*               | 298,100                                                              | 370,300*               |
| 120                          | 73.9                 | 363.9                         | 205,200                                                              | 340,100*               | 276,800                                                              | 369,100*               |
| 125                          | 73.1                 | 362.3                         | 188,900                                                              | 321,700*               | 257,300                                                              | 366,400*               |
| 130                          | 72.3                 | 360.5                         | 173,900                                                              | 304,800*               | 239,500                                                              | 347,800*               |
| 135                          | 71.5                 | 358.7                         | 160,100                                                              | 289,000*               | 223,000                                                              | 330,400*               |
| 140                          | 70.6                 | 356.8                         | 147,300                                                              | 274,400*               | 207,800                                                              | 314,400*               |
| 145                          | 69.8                 | 354.8                         | 135,500                                                              | 260,700*               | 193,700                                                              | 299,300*               |
| 150                          | 69.0                 | 352.7                         | 124,500                                                              | 248,000*               | 180,600                                                              | 285,300*               |
| 155                          | 68.1                 | 350.5                         | 114,200                                                              | 236,000*               | 168,400                                                              | 272,200*               |
| 160                          | 67.3                 | 348.3                         | 104,600                                                              | 224,800*               | 156,900                                                              | 259,800*               |
| 165                          | 66.4                 | 345.9                         | 95,600                                                               | 214,200*               | 146,300                                                              | 248,200*               |
| 170                          | 65.6                 | 343.5                         | 87,200                                                               | 204,300*               | 136,200                                                              | 237,300*               |
| 175                          | 64.7                 | 340.9                         | 79,300                                                               | 194,900*               | 126,800                                                              | 227,000*               |
| 180                          | 63.8                 | 338.3                         | 71,800                                                               | 185,900*               | 117,900                                                              | 217,200*               |
| 185                          | 62.9                 | 335.6                         | 64,800                                                               | 177,300*               | 109,500                                                              | 207,900*               |
| 190                          | 62.1                 | 332.8                         | 58,100                                                               | 169,200*               | 101,600                                                              | 199,200*               |
| 195                          | 61.2                 | 329.8                         | 51,800                                                               | 161,400*               | 94,100                                                               | 190,800*               |
| 200                          | 60.3                 | 326.8                         | 45,800                                                               | 154,100*               | 87,000                                                               | 182,900*               |
| 210                          | 58.4                 | 320.4                         | 34,700                                                               | 140,400*               | 73,700                                                               | 168,200*               |
| 220                          | 56.5                 | 313.5                         | 24,600                                                               | 128,000*               | 61,800                                                               | 154,700*               |
| 230                          | 54.6                 | 306.2                         | 15,400                                                               | 116,600*               | 50,800                                                               | 142,400*               |
| 240                          | 52.7                 | 298.2                         | 6,900                                                                | 106,200*               | 40,800                                                               | 131,100*               |
| 250                          | 50.6                 | 289.8                         |                                                                      | 95,300*                | 31,600                                                               | 120,600*               |
| 260                          | 48.5                 | 280.6                         |                                                                      | 84,500*                | 23,000                                                               | 111,000*               |
| 270                          | 46.4                 | 270.8                         |                                                                      | 74,400*                | 15,100                                                               | 102,000*               |
| 280                          | 44.1                 | 260.2                         |                                                                      | 64,900*                | 7,800                                                                | 93,100*                |
| 290                          | 41.8                 | 248.6                         |                                                                      | 56,100*                | 900                                                                  | 83,500*                |
| 300                          | 39.3                 | 236.1                         |                                                                      | 47,800*                |                                                                      | 74,300*                |
| 310                          | 36.7                 | 222.3                         |                                                                      | 40,000*                |                                                                      | 63,900*                |
| 320                          | 33.8                 | 207.1                         |                                                                      | 32,600*                |                                                                      | 53,700*                |
| 330                          | 30.8                 | 190.0                         |                                                                      | 25,600*                |                                                                      | 43,900*                |
| 340                          | 27.4                 | 170.4                         |                                                                      | 18,900*                |                                                                      | 34,500*                |
| 350                          | 23.5                 | 147.4                         |                                                                      |                        |                                                                      | 25,100*                |

# Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
 492,000 Lb. Crane Counterweight  
 320,000 Lb. Carbody Counterweight  
 0 Lb. thru 599,800 Lb. Hanging Counterweight  
 at 59 Ft. Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

**18000 With  
 21000 MAX-ER**



## 340 Ft. Boom 50 Ft. Fixed Jib, 5 Degree Offset

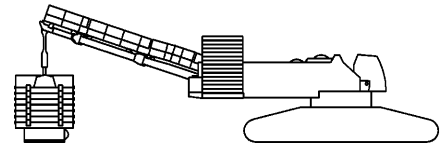
| Jib<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Feet | 467,800 Lb.<br>Hanging Counterweight                                 |                        | 599,800 Lb.<br>Hanging Counterweight                                 |                        |
|------------------------------|----------------------|-------------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|
|                              |                      |                               | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds |
| 105                          | 77.1                 | 389.1                         | 261,500                                                              | 326,500*               |                                                                      |                        |
| 110                          | 76.3                 | 387.8                         | 239,600                                                              | 325,600*               |                                                                      |                        |
| 115                          | 75.6                 | 386.4                         | 219,700                                                              | 324,600*               |                                                                      |                        |
| 120                          | 74.8                 | 384.8                         | 201,700                                                              | 323,600*               | 273,500                                                              | 323,600*               |
| 125                          | 74.0                 | 383.3                         | 185,100                                                              | 317,500*               | 253,900                                                              | 322,500*               |
| 130                          | 73.3                 | 381.6                         | 170,000                                                              | 300,500*               | 235,800                                                              | 321,300*               |
| 135                          | 72.5                 | 379.9                         | 156,100                                                              | 284,800*               | 219,200                                                              | 320,200*               |
| 140                          | 71.7                 | 378.1                         | 143,200                                                              | 270,100*               | 203,900                                                              | 310,100*               |
| 145                          | 70.9                 | 376.2                         | 131,200                                                              | 256,400*               | 189,700                                                              | 295,000*               |
| 150                          | 70.1                 | 374.3                         | 120,100                                                              | 243,700*               | 176,500                                                              | 281,000*               |
| 155                          | 69.3                 | 372.2                         | 109,800                                                              | 231,700*               | 164,200                                                              | 267,800*               |
| 160                          | 68.5                 | 370.1                         | 100,100                                                              | 220,500*               | 152,700                                                              | 255,500*               |
| 165                          | 67.7                 | 367.9                         | 91,100                                                               | 209,900*               | 141,900                                                              | 243,900*               |
| 170                          | 66.9                 | 365.6                         | 82,600                                                               | 199,900*               | 131,800                                                              | 232,900*               |
| 175                          | 66.1                 | 363.2                         | 74,600                                                               | 190,500*               | 122,300                                                              | 222,600*               |
| 180                          | 65.3                 | 360.8                         | 67,100                                                               | 181,600*               | 113,300                                                              | 212,800*               |
| 185                          | 64.5                 | 358.2                         | 60,000                                                               | 173,100*               | 104,900                                                              | 203,500*               |
| 190                          | 63.7                 | 355.6                         | 53,300                                                               | 164,900*               | 96,900                                                               | 194,800*               |
| 195                          | 62.8                 | 352.9                         | 46,900                                                               | 157,100*               | 89,300                                                               | 186,400*               |
| 200                          | 62.0                 | 350.0                         | 40,900                                                               | 149,800*               | 82,200                                                               | 178,500*               |
| 210                          | 60.3                 | 344.1                         | 29,700                                                               | 136,100*               | 68,900                                                               | 163,700*               |
| 220                          | 58.5                 | 337.7                         | 19,500                                                               | 123,700*               | 56,800                                                               | 150,300*               |
| 230                          | 56.8                 | 330.9                         | 10,300                                                               | 112,300*               | 45,800                                                               | 138,000*               |
| 240                          | 55.0                 | 323.6                         | 1,800                                                                | 100,600*               | 35,800                                                               | 126,700*               |
| 250                          | 53.1                 | 315.8                         |                                                                      | 89,400*                | 26,500                                                               | 116,200*               |
| 260                          | 51.2                 | 307.5                         |                                                                      | 79,000*                | 18,000                                                               | 106,500*               |
| 270                          | 49.2                 | 298.6                         |                                                                      | 69,200*                | 10,100                                                               | 97,200*                |
| 280                          | 47.2                 | 289.0                         |                                                                      | 59,700*                | 2,700                                                                | 87,200*                |
| 290                          | 45.1                 | 278.7                         |                                                                      | 50,900*                |                                                                      | 77,900*                |
| 300                          | 42.9                 | 267.7                         |                                                                      | 42,600*                |                                                                      | 69,100*                |
| 310                          | 40.6                 | 255.7                         |                                                                      | 34,900*                |                                                                      | 60,500*                |
| 320                          | 38.2                 | 242.6                         |                                                                      | 27,600*                |                                                                      | 52,400*                |
| 330                          | 35.6                 | 228.4                         |                                                                      | 20,600*                |                                                                      | 43,600*                |
| 340                          | 32.9                 | 212.6                         |                                                                      |                        |                                                                      | 34,400*                |
| 350                          | 29.9                 | 194.9                         |                                                                      |                        |                                                                      | 25,600*                |
| 360                          | 26.6                 | 174.7                         |                                                                      |                        |                                                                      | 17,000*                |

# Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
 492,000 Lb. Crane Counterweight  
 320,000 Lb. Carbody Counterweight  
 0 Lb. thru 599,800 Lb. Hanging Counterweight  
 at 59 Ft. Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

**18000 With  
 21000 MAX-ER**



## 140 Ft. Boom

### 50 Ft. Fixed Jib, 20 Degree Offset

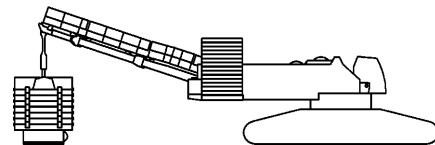
| Jib<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Feet | 0 Lb.<br>Hanging<br>Counterweight | 247,800 Lb.<br>Hanging Counterweight                                 |                        | 467,800 Lb.<br>Hanging Counterweight                                 |                        | 599,800 Lb.<br>Hanging Counterweight                                 |                        | Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------|----------------------|-------------------------------|-----------------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|------------------------------|
|                              |                      |                               | Jib Capacity<br>Pounds            | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds |                              |
| 55                           | 81.9                 | 193.0                         | 551,400*                          | 448,300                                                              | 702,500*               |                                                                      |                        |                                                                      |                        | 55                           |
| 60                           | 80.3                 | 191.6                         | 496,100*                          | 394,800                                                              | 672,100*               |                                                                      |                        |                                                                      |                        | 60                           |
| 65                           | 78.7                 | 190.0                         | 449,500*                          | 350,300                                                              | 618,800*               |                                                                      |                        |                                                                      |                        | 65                           |
| 70                           | 77.1                 | 188.2                         | 409,800*                          | 312,900                                                              | 569,600*               | 516,800                                                              | 619,000*               |                                                                      |                        | 70                           |
| 75                           | 75.5                 | 186.3                         | 375,400*                          | 280,900                                                              | 526,800*               | 469,800                                                              | 595,600*               |                                                                      |                        | 75                           |
| 80                           | 73.8                 | 184.2                         | 345,500*                          | 253,200                                                              | 489,100*               | 429,100                                                              | 574,100*               |                                                                      |                        | 80                           |
| 85                           | 72.1                 | 181.9                         | 319,100*                          | 229,000                                                              | 455,700*               | 393,600                                                              | 554,100*               |                                                                      |                        | 85                           |
| 90                           | 70.4                 | 179.5                         | 295,700*                          | 207,700                                                              | 425,700*               | 362,300                                                              | 528,700*               | 455,200                                                              | 535,700*               | 90                           |
| 95                           | 68.7                 | 176.9                         | 274,800*                          | 188,700                                                              | 397,800*               | 334,500                                                              | 496,700*               | 422,100                                                              | 518,500*               | 95                           |
| 100                          | 67.0                 | 174.1                         | 256,000*                          | 171,800                                                              | 372,700*               | 309,600                                                              | 467,800*               | 392,400                                                              | 502,600*               | 100                          |
| 105                          | 65.2                 | 171.0                         | 237,600                           | 156,500                                                              | 350,000*               | 287,200                                                              | 441,500*               | 365,800                                                              | 487,700*               | 105                          |
| 110                          | 63.4                 | 167.8                         | 220,200                           | 142,700                                                              | 329,400*               | 267,000                                                              | 417,600*               | 341,700                                                              | 468,300*               | 110                          |
| 115                          | 61.5                 | 164.3                         | 204,500                           | 130,100                                                              | 310,600*               | 248,500                                                              | 395,700*               | 319,800                                                              | 444,200*               | 115                          |
| 120                          | 59.6                 | 160.6                         | 190,300                           | 118,500                                                              | 293,400*               | 231,700                                                              | 375,500*               | 299,700                                                              | 422,000*               | 120                          |
| 125                          | 57.7                 | 156.6                         | 177,300                           | 107,900                                                              | 277,500*               | 216,200                                                              | 357,000*               | 281,300                                                              | 401,600*               | 125                          |
| 130                          | 55.7                 | 152.3                         | 165,400                           | 98,100                                                               | 262,800*               | 201,900                                                              | 339,700*               | 264,300                                                              | 382,700*               | 130                          |
| 135                          | 53.6                 | 147.7                         | 154,400                           | 89,000                                                               | 249,200*               | 188,700                                                              | 323,700*               | 248,600                                                              | 365,200*               | 135                          |
| 140                          | 51.5                 | 142.8                         | 144,300                           | 80,500                                                               | 236,600*               | 176,400                                                              | 308,800*               | 234,000                                                              | 348,800*               | 140                          |
| 145                          | 49.3                 | 137.4                         | 135,000                           | 72,600                                                               | 224,800*               | 164,900                                                              | 294,900*               | 220,400                                                              | 333,500*               | 145                          |
| 150                          | 46.9                 | 131.6                         | 126,200                           | 65,200                                                               | 213,800*               | 154,200                                                              | 281,900*               | 207,700                                                              | 319,200*               | 150                          |
| 155                          | 44.5                 | 125.4                         | 117,300*                          | 58,200                                                               | 203,400*               | 144,100                                                              | 269,600*               | 195,700                                                              | 304,900*               | 155                          |
| 160                          | 41.9                 | 118.5                         | 108,900*                          | 51,500                                                               | 193,600*               | 134,600                                                              | 257,900*               | 184,500                                                              | 288,100*               | 160                          |
| 165                          | 39.1                 | 110.8                         | 100,800*                          | 45,200                                                               | 184,400*               | 125,500                                                              | 246,700*               | 173,800                                                              | 272,100*               | 165                          |
| 170                          | 36.1                 | 102.3                         | 93,100*                           | 39,200                                                               | 175,600*               | 116,900                                                              | 234,500*               | 163,600                                                              | 256,600*               | 170                          |

# Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
492,000 Lb. Crane Counterweight  
320,000 Lb. Carbody Counterweight  
0 Lb. thru 599,800 Lb. Hanging Counterweight  
at 59 Ft. Position  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements

**18000 With  
21000 MAX-ER**



## 160 Ft. Boom

### 50 Ft. Fixed Jib, 20 Degree Offset

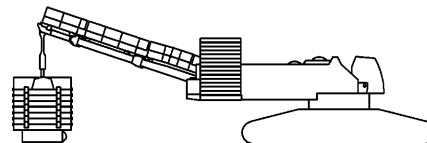
| Jib<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Feet | 0 Lb.<br>Hanging<br>Counterweight | 247,800 Lb.<br>Hanging Counterweight                                 |                        | 467,800 Lb.<br>Hanging Counterweight                                 |                        | 599,800 Lb.<br>Hanging Counterweight                                 |                        | Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------|----------------------|-------------------------------|-----------------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|------------------------------|
|                              |                      |                               | Jib Capacity<br>Pounds            | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds |                              |
| 60                           | 81.5                 | 211.8                         | 494,500*                          | 399,400                                                              | 673,800*               |                                                                      |                        |                                                                      |                        | 60                           |
| 65                           | 80.1                 | 210.4                         | 447,700*                          | 353,700                                                              | 616,500*               |                                                                      |                        |                                                                      |                        | 65                           |
| 70                           | 78.6                 | 208.8                         | 407,700*                          | 315,200                                                              | 567,200*               | 521,500                                                              | 633,400*               |                                                                      |                        | 70                           |
| 75                           | 77.2                 | 207.1                         | 373,200*                          | 282,400                                                              | 524,200*               | 473,300                                                              | 611,800*               |                                                                      |                        | 75                           |
| 80                           | 75.7                 | 205.2                         | 343,100*                          | 254,000                                                              | 486,400*               | 431,700                                                              | 591,700*               |                                                                      |                        | 80                           |
| 85                           | 74.2                 | 203.2                         | 316,600*                          | 229,300                                                              | 452,900*               | 395,500                                                              | 561,600*               |                                                                      |                        | 85                           |
| 90                           | 72.7                 | 201.1                         | 293,100*                          | 207,500                                                              | 423,100*               | 363,500                                                              | 525,800*               | 457,300                                                              | 555,500*               | 90                           |
| 95                           | 71.2                 | 198.7                         | 272,100*                          | 188,100                                                              | 395,100*               | 335,200                                                              | 493,700*               | 423,600                                                              | 539,200*               | 95                           |
| 100                          | 69.7                 | 196.3                         | 253,200*                          | 170,800                                                              | 369,900*               | 309,800                                                              | 464,700*               | 393,400                                                              | 520,300*               | 100                          |
| 105                          | 68.1                 | 193.6                         | 235,600                           | 155,200                                                              | 347,200*               | 287,100                                                              | 438,400*               | 366,300                                                              | 491,400*               | 105                          |
| 110                          | 66.5                 | 190.8                         | 218,100                           | 141,100                                                              | 326,500*               | 266,500                                                              | 414,400*               | 341,800                                                              | 465,100*               | 110                          |
| 115                          | 64.9                 | 187.8                         | 202,300                           | 128,300                                                              | 307,600*               | 247,700                                                              | 392,500*               | 319,600                                                              | 441,000*               | 115                          |
| 120                          | 63.3                 | 184.5                         | 188,000                           | 116,500                                                              | 290,400*               | 230,600                                                              | 372,300*               | 299,200                                                              | 418,800*               | 120                          |
| 125                          | 61.6                 | 181.1                         | 174,900                           | 105,800                                                              | 274,400*               | 215,000                                                              | 353,700*               | 280,600                                                              | 398,400*               | 125                          |
| 130                          | 59.9                 | 177.5                         | 163,000                           | 95,800                                                               | 259,800*               | 200,500                                                              | 336,500*               | 263,400                                                              | 379,400*               | 130                          |
| 135                          | 58.2                 | 173.6                         | 152,000                           | 86,600                                                               | 246,100*               | 187,100                                                              | 320,500*               | 247,500                                                              | 361,900*               | 135                          |
| 140                          | 56.4                 | 169.4                         | 141,900                           | 78,100                                                               | 233,500*               | 174,700                                                              | 305,600*               | 232,800                                                              | 345,500*               | 140                          |
| 145                          | 54.5                 | 165.0                         | 132,500                           | 70,100                                                               | 221,700*               | 163,200                                                              | 291,700*               | 219,100                                                              | 330,300*               | 145                          |
| 150                          | 52.6                 | 160.3                         | 123,700                           | 62,700                                                               | 210,700*               | 152,400                                                              | 278,600*               | 206,300                                                              | 316,000*               | 150                          |
| 155                          | 50.7                 | 155.3                         | 114,800*                          | 55,700                                                               | 200,400*               | 142,300                                                              | 266,400*               | 194,400                                                              | 302,500*               | 155                          |
| 160                          | 48.7                 | 149.9                         | 106,400*                          | 49,100                                                               | 190,600*               | 132,800                                                              | 254,900*               | 183,100                                                              | 289,900*               | 160                          |
| 165                          | 46.5                 | 144.1                         | 98,400*                           | 42,900                                                               | 181,500*               | 123,800                                                              | 243,800*               | 172,500                                                              | 278,000*               | 165                          |
| 170                          | 44.3                 | 137.8                         | 90,900*                           | 36,900                                                               | 172,800*               | 115,400                                                              | 233,300*               | 162,500                                                              | 266,800*               | 170                          |
| 175                          | 42.0                 | 131.0                         | 83,800*                           | 31,300                                                               | 164,700*               | 107,300                                                              | 223,300*               | 153,000                                                              | 256,100*               | 175                          |
| 180                          | 39.5                 | 123.6                         | 76,900*                           | 26,000                                                               | 156,900*               | 99,700                                                               | 213,900*               | 144,000                                                              | 243,200*               | 180                          |
| 185                          | 36.9                 | 115.3                         | 70,400*                           | 20,800                                                               | 149,500*               | 92,300                                                               | 205,000*               | 135,400                                                              | 229,700*               | 185                          |

# Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
 492,000 Lb. Crane Counterweight  
 320,000 Lb. Carbody Counterweight  
 0 Lb. thru 599,800 Lb. Hanging Counterweight  
 at 59 Ft. Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

## 18000 With 21000 MAX-ER



**180 Ft. Boom**

**50 Ft. Fixed Jib, 20 Degree Offset**

| Jib<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Feet | 0 Lb.<br>Hanging<br>Counterweight | 247,800 Lb.<br>Hanging Counterweight                                 |                        | 467,800 Lb.<br>Hanging Counterweight                                 |                        | 599,800 Lb.<br>Hanging Counterweight                                 |                        | Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------|----------------------|-------------------------------|-----------------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|------------------------------|
|                              |                      |                               | Jib Capacity<br>Pounds            | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds |                              |
| 65                           | 81.2                 | 230.7                         | 446,300*                          | 357,000                                                              | 614,800*               |                                                                      |                        |                                                                      |                        | 65                           |
| 70                           | 79.9                 | 229.3                         | 406,200*                          | 317,700                                                              | 565,300*               | 526,000                                                              | 644,800*               |                                                                      |                        | 70                           |
| 75                           | 78.6                 | 227.7                         | 371,500*                          | 284,100                                                              | 522,200*               | 476,900                                                              | 624,600*               |                                                                      |                        | 75                           |
| 80                           | 77.2                 | 226.0                         | 341,300*                          | 255,200                                                              | 484,300*               | 434,500                                                              | 599,500*               |                                                                      |                        | 80                           |
| 85                           | 75.9                 | 224.2                         | 314,700*                          | 229,900                                                              | 450,700*               | 397,500                                                              | 559,400*               |                                                                      |                        | 85                           |
| 90                           | 74.5                 | 222.3                         | 291,100*                          | 207,700                                                              | 420,800*               | 365,000                                                              | 523,500*               | 459,600                                                              | 571,600*               | 90                           |
| 95                           | 73.2                 | 220.2                         | 270,000*                          | 187,900                                                              | 393,000*               | 336,200                                                              | 491,400*               | 425,400                                                              | 549,800*               | 95                           |
| 100                          | 71.8                 | 218.0                         | 251,000*                          | 170,300                                                              | 367,700*               | 310,500                                                              | 462,300*               | 394,800                                                              | 517,900*               | 100                          |
| 105                          | 70.4                 | 215.6                         | 233,900*                          | 154,500                                                              | 344,900*               | 287,400                                                              | 436,000*               | 367,200                                                              | 489,000*               | 105                          |
| 110                          | 69.0                 | 213.1                         | 216,400                           | 140,100                                                              | 324,200*               | 266,500                                                              | 412,000*               | 342,400                                                              | 462,600*               | 110                          |
| 115                          | 67.6                 | 210.4                         | 200,500                           | 127,100                                                              | 305,300*               | 247,500                                                              | 390,000*               | 319,800                                                              | 438,500*               | 115                          |
| 120                          | 66.1                 | 207.5                         | 186,100                           | 115,200                                                              | 288,000*               | 230,100                                                              | 369,800*               | 299,200                                                              | 416,300*               | 120                          |
| 125                          | 64.6                 | 204.5                         | 173,000                           | 104,300                                                              | 272,100*               | 214,300                                                              | 351,200*               | 280,400                                                              | 395,800*               | 125                          |
| 130                          | 63.1                 | 201.3                         | 161,000                           | 94,200                                                               | 257,300*               | 199,600                                                              | 333,900*               | 263,000                                                              | 376,900*               | 130                          |
| 135                          | 61.6                 | 197.9                         | 150,000                           | 84,900                                                               | 243,700*               | 186,100                                                              | 317,900*               | 247,000                                                              | 359,300*               | 135                          |
| 140                          | 60.1                 | 194.4                         | 139,900                           | 76,300                                                               | 231,100*               | 173,600                                                              | 303,000*               | 232,100                                                              | 343,000*               | 140                          |
| 145                          | 58.5                 | 190.6                         | 130,400                           | 68,300                                                               | 219,300*               | 162,000                                                              | 289,100*               | 218,300                                                              | 327,700*               | 145                          |
| 150                          | 56.9                 | 186.5                         | 121,700                           | 60,800                                                               | 208,300*               | 151,100                                                              | 276,100*               | 205,400                                                              | 313,400*               | 150                          |
| 155                          | 55.2                 | 182.3                         | 112,800*                          | 53,700                                                               | 197,900*               | 141,000                                                              | 263,900*               | 193,400                                                              | 300,000*               | 155                          |
| 160                          | 53.5                 | 177.8                         | 104,400*                          | 47,100                                                               | 188,200*               | 131,400                                                              | 252,400*               | 182,100                                                              | 287,400*               | 160                          |
| 165                          | 51.8                 | 173.0                         | 96,500*                           | 40,900                                                               | 179,100*               | 122,500                                                              | 241,400*               | 171,500                                                              | 275,500*               | 165                          |
| 170                          | 50.0                 | 167.8                         | 89,000*                           | 35,000                                                               | 170,500*               | 114,000                                                              | 230,900*               | 161,500                                                              | 264,300*               | 170                          |
| 175                          | 48.1                 | 162.4                         | 81,900*                           | 29,500                                                               | 162,400*               | 106,000                                                              | 221,100*               | 152,100                                                              | 253,800*               | 175                          |
| 180                          | 46.2                 | 156.6                         | 75,100*                           | 24,200                                                               | 154,700*               | 98,500                                                               | 211,700*               | 143,100                                                              | 243,700*               | 180                          |
| 185                          | 44.2                 | 150.3                         | 68,700*                           | 19,100                                                               | 147,400*               | 91,300                                                               | 202,800*               | 134,600                                                              | 234,200*               | 185                          |
| 190                          | 42.0                 | 143.6                         | 62,600*                           | 14,300                                                               | 140,400*               | 84,400                                                               | 194,400*               | 126,500                                                              | 225,100*               | 190                          |
| 195                          | 39.8                 | 136.3                         | 56,700*                           | 9,700                                                                | 133,200*               | 77,800                                                               | 186,400*               | 118,800                                                              | 216,500*               | 195                          |
| 200                          | 37.5                 | 128.4                         | 51,100*                           | 5,200                                                                | 125,500*               | 71,500                                                               | 178,700*               | 111,300                                                              | 205,400*               | 200                          |

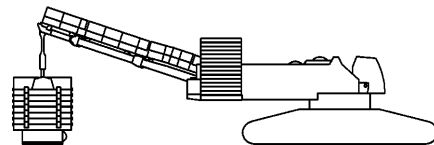


# Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
492,000 Lb. Crane Counterweight  
320,000 Lb. Carbody Counterweight  
0 Lb. thru 599,800 Lb. Hanging Counterweight  
at 59 Ft. Position  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements

**18000 With  
21000 MAX-ER**



## 200 Ft. Boom

### 50 Ft. Fixed Jib, 20 Degree Offset

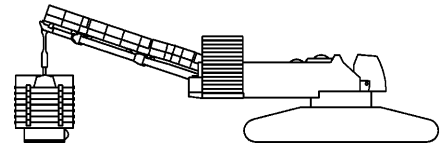
| Jib<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Feet | 0 Lb.<br>Hanging<br>Counterweight | 247,800 Lb.<br>Hanging Counterweight                                 |                        | 467,800 Lb.<br>Hanging Counterweight                                 |                        | 599,800 Lb.<br>Hanging Counterweight                                 |                        | Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------|----------------------|-------------------------------|-----------------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|------------------------------|
|                              |                      |                               | Jib Capacity<br>Pounds            | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds |                              |
| 65                           | 81.7                 | 251.7                         | 443,100*                          | 357,400                                                              | 611,100*               | 527,500                                                              | 670,500*               |                                                                      |                        | 65                           |
| 70                           | 80.5                 | 250.3                         | 402,900*                          | 317,400                                                              | 561,500*               | 477,600                                                              | 641,100*               |                                                                      |                        | 70                           |
| 75                           | 79.3                 | 248.9                         | 368,100*                          | 283,200                                                              | 518,400*               | 434,600                                                              | 595,700*               |                                                                      |                        | 75                           |
| 80                           | 78.1                 | 247.4                         | 337,800*                          | 253,800                                                              | 480,400*               | 397,100                                                              | 555,500*               |                                                                      |                        | 80                           |
| 85                           | 76.9                 | 245.8                         | 311,100*                          | 228,100                                                              | 446,800*               |                                                                      |                        |                                                                      |                        | 85                           |
| 90                           | 75.7                 | 244.0                         | 287,400*                          | 205,500                                                              | 416,900*               | 364,100                                                              | 519,600*               | 459,400                                                              | 581,300*               | 90                           |
| 95                           | 74.4                 | 242.1                         | 266,300*                          | 185,500                                                              | 389,300*               | 334,900                                                              | 487,400*               | 424,700                                                              | 545,900*               | 95                           |
| 100                          | 73.2                 | 240.1                         | 247,300*                          | 167,600                                                              | 364,000*               | 308,800                                                              | 458,400*               | 393,600                                                              | 514,000*               | 100                          |
| 105                          | 71.9                 | 237.9                         | 230,100*                          | 151,500                                                              | 341,200*               | 285,400                                                              | 432,000*               | 365,800                                                              | 485,000*               | 105                          |
| 110                          | 70.7                 | 235.7                         | 213,400                           | 137,000                                                              | 320,400*               | 264,200                                                              | 408,000*               | 340,700                                                              | 458,600*               | 110                          |
| 115                          | 69.4                 | 233.3                         | 197,500                           | 123,800                                                              | 301,500*               | 245,000                                                              | 386,000*               | 317,800                                                              | 434,400*               | 115                          |
| 120                          | 68.1                 | 230.7                         | 183,000                           | 111,800                                                              | 284,100*               | 227,500                                                              | 365,700*               | 297,000                                                              | 412,200*               | 120                          |
| 125                          | 66.8                 | 228.0                         | 169,900                           | 100,700                                                              | 268,200*               | 211,400                                                              | 347,100*               | 278,000                                                              | 391,800*               | 125                          |
| 130                          | 65.4                 | 225.2                         | 157,800                           | 90,600                                                               | 253,500*               | 196,700                                                              | 329,900*               | 260,400                                                              | 372,800*               | 130                          |
| 135                          | 64.1                 | 222.2                         | 146,800                           | 81,200                                                               | 239,800*               | 183,000                                                              | 313,800*               | 244,300                                                              | 355,300*               | 135                          |
| 140                          | 62.7                 | 219.0                         | 136,600                           | 72,500                                                               | 227,200*               | 170,400                                                              | 299,000*               | 229,300                                                              | 338,900*               | 140                          |
| 145                          | 61.3                 | 215.7                         | 127,100                           | 64,400                                                               | 215,400*               | 158,700                                                              | 285,100*               | 215,400                                                              | 323,600*               | 145                          |
| 150                          | 59.9                 | 212.1                         | 117,800*                          | 56,900                                                               | 204,400*               | 147,800                                                              | 272,000*               | 202,400                                                              | 309,400*               | 150                          |
| 155                          | 58.5                 | 208.4                         | 108,800*                          | 49,800                                                               | 194,100*               | 137,600                                                              | 259,900*               | 190,300                                                              | 296,000*               | 155                          |
| 160                          | 57.0                 | 204.5                         | 100,400*                          | 43,200                                                               | 184,400*               | 128,000                                                              | 248,400*               | 179,000                                                              | 283,400*               | 160                          |
| 165                          | 55.5                 | 200.4                         | 92,400*                           | 36,900                                                               | 175,300*               | 119,000                                                              | 237,600*               | 168,300                                                              | 271,600*               | 165                          |
| 170                          | 54.0                 | 196.1                         | 84,900*                           | 31,100                                                               | 166,700*               | 110,500                                                              | 227,200*               | 158,300                                                              | 260,400*               | 170                          |
| 175                          | 52.4                 | 191.5                         | 77,900*                           | 25,500                                                               | 158,600*               | 102,600                                                              | 217,300*               | 148,900                                                              | 249,900*               | 175                          |
| 180                          | 50.8                 | 186.6                         | 71,200*                           | 20,300                                                               | 151,000*               | 95,000                                                               | 208,000*               | 139,900                                                              | 239,900*               | 180                          |
| 185                          | 49.1                 | 181.5                         | 64,800*                           | 15,300                                                               | 143,700*               | 87,800                                                               | 199,200*               | 131,500                                                              | 230,400*               | 185                          |
| 190                          | 47.4                 | 176.0                         | 58,800*                           | 10,500                                                               | 136,800*               | 81,000                                                               | 190,800*               | 123,400                                                              | 221,400*               | 190                          |
| 195                          | 45.6                 | 170.2                         | 53,000*                           | 6,000                                                                | 129,800*               | 74,500                                                               | 182,800*               | 115,800                                                              | 212,800*               | 195                          |
| 200                          | 43.8                 | 164.1                         | 47,500*                           | 1,600                                                                | 122,300*               | 68,400                                                               | 175,200*               | 108,500                                                              | 204,600*               | 200                          |
| 210                          | 39.9                 | 150.3                         | 37,100*                           |                                                                      | 108,100*               | 56,800                                                               | 161,000*               | 94,800                                                               | 189,300*               | 210                          |

# Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
 492,000 Lb. Crane Counterweight  
 320,000 Lb. Carbody Counterweight  
 0 Lb. thru 599,800 Lb. Hanging Counterweight  
 at 59 Ft. Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

**18000 With  
 21000 MAX-ER**



**220 Ft. Boom**

**50 Ft. Fixed Jib, 20 Degree Offset**

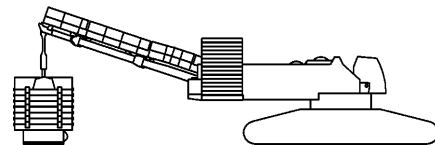
| Jib<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Feet | 0 Lb.<br>Hanging<br>Counterweight | 247,800 Lb.<br>Hanging Counterweight                                 |                        | 467,800 Lb.<br>Hanging Counterweight                                 |                        | 599,800 Lb.<br>Hanging Counterweight                                 |                        | Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------|----------------------|-------------------------------|-----------------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|------------------------------|
|                              |                      |                               | Jib Capacity<br>Pounds            | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds |                              |
| 70                           | 81.3                 | 270.7                         | 400,800*                          | 318,800                                                              | 559,000*               | 530,700                                                              | 655,700*               |                                                                      |                        | 70                           |
| 75                           | 80.2                 | 269.4                         | 365,900*                          | 283,900                                                              | 515,700*               | 479,800                                                              | 638,400*               |                                                                      |                        | 75                           |
| 80                           | 79.1                 | 268.0                         | 335,400*                          | 253,800                                                              | 477,600*               | 436,000                                                              | 592,900*               |                                                                      |                        | 80                           |
| 85                           | 78.0                 | 266.5                         | 308,500*                          | 227,600                                                              | 443,900*               | 397,800                                                              | 552,600*               |                                                                      |                        | 85                           |
| 90                           | 76.9                 | 264.9                         | 284,700*                          | 204,600                                                              | 413,800*               | 364,300                                                              | 516,600*               | 460,300                                                              | 578,200*               | 90                           |
| 95                           | 75.7                 | 263.1                         | 263,500*                          | 184,100                                                              | 386,500*               | 334,500                                                              | 484,300*               | 425,000                                                              | 542,700*               | 95                           |
| 100                          | 74.6                 | 261.3                         | 244,400*                          | 165,900                                                              | 361,100*               | 308,000                                                              | 455,100*               | 393,500                                                              | 510,700*               | 100                          |
| 105                          | 73.5                 | 259.3                         | 227,100*                          | 149,600                                                              | 338,100*               | 284,300                                                              | 428,700*               | 365,200                                                              | 481,700*               | 105                          |
| 110                          | 72.3                 | 257.3                         | 211,200                           | 134,800                                                              | 317,300*               | 262,800                                                              | 404,600*               | 339,700                                                              | 455,200*               | 110                          |
| 115                          | 71.1                 | 255.1                         | 195,100                           | 121,300                                                              | 298,300*               | 243,300                                                              | 382,500*               | 316,600                                                              | 431,000*               | 115                          |
| 120                          | 69.9                 | 252.8                         | 180,600                           | 109,100                                                              | 280,900*               | 225,500                                                              | 362,300*               | 295,500                                                              | 408,800*               | 120                          |
| 125                          | 68.8                 | 250.3                         | 167,300                           | 97,900                                                               | 264,900*               | 209,200                                                              | 343,600*               | 276,100                                                              | 388,200*               | 125                          |
| 130                          | 67.5                 | 247.7                         | 155,200                           | 87,600                                                               | 250,100*               | 194,300                                                              | 326,300*               | 258,400                                                              | 369,300*               | 130                          |
| 135                          | 66.3                 | 245.0                         | 144,000                           | 78,000                                                               | 236,400*               | 180,500                                                              | 310,200*               | 242,000                                                              | 351,600*               | 135                          |
| 140                          | 65.1                 | 242.2                         | 133,800                           | 69,200                                                               | 223,700*               | 167,700                                                              | 295,300*               | 226,900                                                              | 335,300*               | 140                          |
| 145                          | 63.8                 | 239.2                         | 123,900*                          | 61,000                                                               | 211,900*               | 155,800                                                              | 281,400*               | 212,800                                                              | 320,000*               | 145                          |
| 150                          | 62.6                 | 236.0                         | 114,200*                          | 53,300                                                               | 200,900*               | 144,800                                                              | 268,300*               | 199,700                                                              | 305,700*               | 150                          |
| 155                          | 61.3                 | 232.7                         | 105,100*                          | 46,200                                                               | 190,500*               | 134,400                                                              | 256,100*               | 187,500                                                              | 292,300*               | 155                          |
| 160                          | 60.0                 | 229.2                         | 96,600*                           | 39,500                                                               | 180,800*               | 124,800                                                              | 244,600*               | 176,000                                                              | 279,700*               | 160                          |
| 165                          | 58.7                 | 225.6                         | 88,600*                           | 33,200                                                               | 171,700*               | 115,700                                                              | 233,800*               | 165,300                                                              | 267,800*               | 165                          |
| 170                          | 57.3                 | 221.8                         | 81,000*                           | 27,300                                                               | 163,100*               | 107,200                                                              | 223,500*               | 155,200                                                              | 256,600*               | 170                          |
| 175                          | 55.9                 | 217.7                         | 73,900*                           | 21,700                                                               | 155,000*               | 99,100                                                               | 213,700*               | 145,700                                                              | 246,100*               | 175                          |
| 180                          | 54.5                 | 213.5                         | 67,200*                           | 16,400                                                               | 147,300*               | 91,500                                                               | 204,400*               | 136,700                                                              | 236,100*               | 180                          |
| 185                          | 53.1                 | 209.1                         | 60,800*                           | 11,300                                                               | 140,000*               | 84,300                                                               | 195,500*               | 128,200                                                              | 226,600*               | 185                          |
| 190                          | 51.6                 | 204.4                         | 54,800*                           | 6,600                                                                | 133,100*               | 77,500                                                               | 187,100*               | 120,100                                                              | 217,600*               | 190                          |
| 195                          | 50.1                 | 199.5                         | 49,000*                           | 2,000                                                                | 126,100*               | 71,000                                                               | 179,200*               | 112,400                                                              | 209,000*               | 195                          |
| 200                          | 48.6                 | 194.3                         | 43,500*                           |                                                                      | 118,600*               | 64,800                                                               | 171,600*               | 105,100                                                              | 200,900*               | 200                          |
| 210                          | 45.4                 | 183.0                         | 33,200*                           |                                                                      | 104,500*               | 53,200                                                               | 157,500*               | 91,500                                                               | 185,600*               | 210                          |
| 220                          | 41.9                 | 170.3                         | 23,700*                           |                                                                      | 91,600*                | 42,600                                                               | 144,600*               | 79,100                                                               | 171,700*               | 220                          |
| 230                          | 38.1                 | 155.8                         | 15,000*                           |                                                                      | 79,700*                | 32,800                                                               | 132,700*               | 67,500                                                               | 158,200*               | 230                          |

# Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
492,000 Lb. Crane Counterweight  
320,000 Lb. Carbody Counterweight  
0 Lb. thru 599,800 Lb. Hanging Counterweight  
at 59 Ft. Position  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements

**18000 With  
21000 MAX-ER**



## 240 Ft. Boom

### 50 Ft. Fixed Jib, 20 Degree Offset

| Jib<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Feet | 247,800 Lb.<br>Hanging Counterweight                                 |                        | 467,800 Lb.<br>Hanging Counterweight                                 |                        | 599,800 Lb.<br>Hanging Counterweight                                 |                        | Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------|----------------------|-------------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|------------------------------|
|                              |                      |                               | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds |                              |
| 70                           | 82.1                 | 291.0                         | 321,000                                                              | 557,500*               |                                                                      |                        |                                                                      |                        | 70                           |
| 75                           | 81.0                 | 289.8                         | 285,500                                                              | 514,100*               | 482,900                                                              | 617,000*               |                                                                      |                        | 75                           |
| 80                           | 80.0                 | 288.5                         | 254,900                                                              | 475,900*               | 438,300                                                              | 591,200*               |                                                                      |                        | 80                           |
| 85                           | 79.0                 | 287.1                         | 228,200                                                              | 442,100*               | 399,600                                                              | 550,700*               |                                                                      |                        | 85                           |
| 90                           | 77.9                 | 285.6                         | 204,800                                                              | 411,900*               | 365,600                                                              | 514,700*               | 462,200                                                              | 576,300*               | 90                           |
| 95                           | 76.9                 | 284.0                         | 184,100                                                              | 384,800*               | 335,400                                                              | 482,300*               | 426,400                                                              | 540,800*               | 95                           |
| 100                          | 75.8                 | 282.3                         | 165,600                                                              | 359,300*               | 308,600                                                              | 453,100*               | 394,500                                                              | 508,700*               | 100                          |
| 105                          | 74.8                 | 280.5                         | 149,000                                                              | 336,300*               | 284,500                                                              | 426,600*               | 365,900                                                              | 479,600*               | 105                          |
| 110                          | 73.7                 | 278.6                         | 134,000                                                              | 315,400*               | 262,700                                                              | 402,500*               | 340,100                                                              | 453,100*               | 110                          |
| 115                          | 72.6                 | 276.6                         | 120,400                                                              | 296,300*               | 243,000                                                              | 380,400*               | 316,700                                                              | 428,900*               | 115                          |
| 120                          | 71.5                 | 274.4                         | 108,000                                                              | 278,900*               | 225,000                                                              | 360,100*               | 295,400                                                              | 406,600*               | 120                          |
| 125                          | 70.4                 | 272.2                         | 96,600                                                               | 262,800*               | 208,500                                                              | 341,400*               | 275,800                                                              | 386,000*               | 125                          |
| 130                          | 69.3                 | 269.8                         | 86,100                                                               | 248,000*               | 193,400                                                              | 324,000*               | 257,900                                                              | 367,000*               | 130                          |
| 135                          | 68.2                 | 267.3                         | 76,500                                                               | 234,300*               | 179,500                                                              | 308,000*               | 241,400                                                              | 349,400*               | 135                          |
| 140                          | 67.1                 | 264.7                         | 67,600                                                               | 221,600*               | 166,600                                                              | 293,000*               | 226,100                                                              | 333,000*               | 140                          |
| 145                          | 66.0                 | 262.0                         | 59,300                                                               | 209,700*               | 154,600                                                              | 279,100*               | 211,900                                                              | 317,700*               | 145                          |
| 150                          | 64.8                 | 259.2                         | 51,500                                                               | 198,700*               | 143,400                                                              | 266,000*               | 198,600                                                              | 303,400*               | 150                          |
| 155                          | 63.6                 | 256.2                         | 44,300                                                               | 188,300*               | 133,000                                                              | 253,800*               | 186,300                                                              | 289,900*               | 155                          |
| 160                          | 62.5                 | 253.0                         | 37,500                                                               | 178,600*               | 123,200                                                              | 242,300*               | 174,800                                                              | 277,300*               | 160                          |
| 165                          | 61.3                 | 249.7                         | 31,200                                                               | 169,500*               | 114,100                                                              | 231,500*               | 163,900                                                              | 265,500*               | 165                          |
| 170                          | 60.1                 | 246.3                         | 25,200                                                               | 160,900*               | 105,500                                                              | 221,300*               | 153,800                                                              | 254,300*               | 170                          |
| 175                          | 58.8                 | 242.7                         | 19,600                                                               | 152,800*               | 97,400                                                               | 211,400*               | 144,200                                                              | 243,700*               | 175                          |
| 180                          | 57.6                 | 239.0                         | 14,200                                                               | 145,100*               | 89,800                                                               | 202,100*               | 135,200                                                              | 233,700*               | 180                          |
| 185                          | 56.3                 | 235.0                         | 9,200                                                                | 137,800*               | 82,500                                                               | 193,300*               | 126,600                                                              | 224,300*               | 185                          |
| 190                          | 55.0                 | 230.9                         | 4,400                                                                | 130,900*               | 75,700                                                               | 184,900*               | 118,500                                                              | 215,300*               | 190                          |
| 195                          | 53.7                 | 226.6                         |                                                                      | 124,100*               | 69,200                                                               | 177,000*               | 110,800                                                              | 206,700*               | 195                          |
| 200                          | 52.4                 | 222.1                         |                                                                      | 116,600*               | 63,000                                                               | 169,400*               | 103,500                                                              | 198,500*               | 200                          |
| 210                          | 49.6                 | 212.4                         |                                                                      | 102,600*               | 51,400                                                               | 155,300*               | 89,900                                                               | 183,400*               | 210                          |
| 220                          | 46.6                 | 201.6                         |                                                                      | 89,800*                | 40,900                                                               | 142,500*               | 77,500                                                               | 169,500*               | 220                          |
| 230                          | 43.5                 | 189.7                         |                                                                      | 78,000*                | 31,200                                                               | 130,700*               | 66,100                                                               | 156,700*               | 230                          |
| 240                          | 40.2                 | 176.3                         |                                                                      | 67,100*                | 22,200                                                               | 119,800*               | 55,500                                                               | 144,900*               | 240                          |

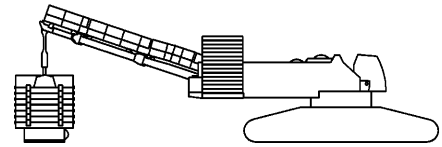


# Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
 492,000 Lb. Crane Counterweight  
 320,000 Lb. Carbody Counterweight  
 0 Lb. thru 599,800 Lb. Hanging Counterweight  
 at 59 Ft. Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

**18000 With  
 21000 MAX-ER**



## 260 Ft. Boom

### 50 Ft. Fixed Jib, 20 Degree Offset

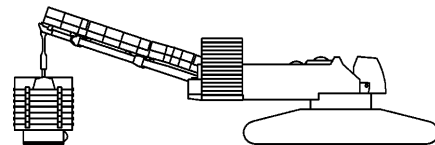
| Jib<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Feet | 247,800 Lb.<br>Hanging Counterweight                                 |                        | 467,800 Lb.<br>Hanging Counterweight                                 |                        | 599,800 Lb.<br>Hanging Counterweight                                 |                        | Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------|----------------------|-------------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|------------------------------|
|                              |                      |                               | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds |                              |
| 75                           | 81.4                 | 310.8                         | 283,100                                                              | 509,600*               |                                                                      |                        |                                                                      |                        | 75                           |
| 80                           | 80.5                 | 309.6                         | 252,100                                                              | 471,500*               | 436,700                                                              | 542,500*               |                                                                      |                        | 80                           |
| 85                           | 79.5                 | 308.3                         | 225,100                                                              | 437,600*               | 397,500                                                              | 542,500*               |                                                                      |                        | 85                           |
| 90                           | 78.5                 | 306.9                         | 201,500                                                              | 407,500*               | 363,200                                                              | 510,200*               | 460,400                                                              | 542,500*               | 90                           |
| 95                           | 77.6                 | 305.4                         | 180,500                                                              | 380,400*               | 332,700                                                              | 477,900*               | 424,200                                                              | 536,300*               | 95                           |
| 100                          | 76.6                 | 303.8                         | 161,800                                                              | 355,100*               | 305,600                                                              | 448,600*               | 392,100                                                              | 504,300*               | 100                          |
| 105                          | 75.6                 | 302.2                         | 145,100                                                              | 332,100*               | 281,300                                                              | 422,100*               | 363,200                                                              | 475,200*               | 105                          |
| 110                          | 74.6                 | 300.4                         | 129,900                                                              | 311,200*               | 259,400                                                              | 398,000*               | 337,100                                                              | 448,600*               | 110                          |
| 115                          | 73.6                 | 298.5                         | 116,200                                                              | 292,100*               | 239,500                                                              | 375,900*               | 313,500                                                              | 424,400*               | 115                          |
| 120                          | 72.6                 | 296.6                         | 103,700                                                              | 274,600*               | 221,300                                                              | 355,600*               | 292,000                                                              | 402,100*               | 120                          |
| 125                          | 71.6                 | 294.5                         | 92,200                                                               | 258,600*               | 204,700                                                              | 336,900*               | 272,400                                                              | 381,600*               | 125                          |
| 130                          | 70.6                 | 292.3                         | 81,700                                                               | 243,800*               | 189,500                                                              | 319,600*               | 254,300                                                              | 362,600*               | 130                          |
| 135                          | 69.6                 | 290.1                         | 72,000                                                               | 230,100*               | 175,400                                                              | 303,500*               | 237,600                                                              | 344,900*               | 135                          |
| 140                          | 68.5                 | 287.7                         | 63,000                                                               | 217,300*               | 162,400                                                              | 288,600*               | 222,200                                                              | 328,500*               | 140                          |
| 145                          | 67.5                 | 285.2                         | 54,600                                                               | 205,500*               | 150,400                                                              | 274,600*               | 207,900                                                              | 313,200*               | 145                          |
| 150                          | 66.4                 | 282.6                         | 46,900                                                               | 194,400*               | 139,200                                                              | 261,600*               | 194,600                                                              | 298,900*               | 150                          |
| 155                          | 65.4                 | 279.8                         | 39,600                                                               | 184,100*               | 128,700                                                              | 249,400*               | 182,200                                                              | 285,500*               | 155                          |
| 160                          | 64.3                 | 277.0                         | 32,800                                                               | 174,400*               | 118,900                                                              | 237,900*               | 170,600                                                              | 272,900*               | 160                          |
| 165                          | 63.2                 | 274.0                         | 26,400                                                               | 165,200*               | 109,700                                                              | 227,100*               | 159,800                                                              | 261,100*               | 165                          |
| 170                          | 62.1                 | 270.9                         | 20,400                                                               | 156,700*               | 101,100                                                              | 216,900*               | 149,600                                                              | 249,900*               | 170                          |
| 175                          | 61.0                 | 267.6                         | 14,800                                                               | 148,500*               | 93,000                                                               | 207,200*               | 139,900                                                              | 239,400*               | 175                          |
| 180                          | 59.9                 | 264.2                         | 9,400                                                                | 140,900*               | 85,300                                                               | 197,900*               | 130,900                                                              | 229,400*               | 180                          |
| 185                          | 58.8                 | 260.7                         | 4,400                                                                | 133,600*               | 78,000                                                               | 189,100*               | 122,300                                                              | 219,900*               | 185                          |
| 190                          | 57.6                 | 257.0                         |                                                                      | 126,800*               | 71,200                                                               | 180,800*               | 114,200                                                              | 211,000*               | 190                          |
| 195                          | 56.4                 | 253.2                         |                                                                      | 119,500*               | 64,600                                                               | 172,800*               | 106,500                                                              | 202,400*               | 195                          |
| 200                          | 55.2                 | 249.2                         |                                                                      | 111,900*               | 58,500                                                               | 165,300*               | 99,200                                                               | 194,300*               | 200                          |
| 210                          | 52.8                 | 240.6                         |                                                                      | 98,000*                | 46,900                                                               | 151,200*               | 85,600                                                               | 179,200*               | 210                          |
| 220                          | 50.2                 | 231.2                         |                                                                      | 85,200*                | 36,400                                                               | 138,400*               | 73,200                                                               | 165,300*               | 220                          |
| 230                          | 47.6                 | 221.0                         |                                                                      | 73,500*                | 26,800                                                               | 126,700*               | 61,900                                                               | 152,600*               | 230                          |
| 240                          | 44.7                 | 209.7                         |                                                                      | 62,700*                | 17,900                                                               | 115,900*               | 51,400                                                               | 141,000*               | 240                          |
| 250                          | 41.8                 | 197.2                         |                                                                      | 52,700*                | 9,600                                                                | 105,800*               | 41,700                                                               | 130,100*               | 250                          |
| 260                          | 38.6                 | 183.2                         |                                                                      | 43,400*                | 1,900                                                                | 94,300*                | 32,600                                                               | 118,700*               | 260                          |

# Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
 492,000 Lb. Crane Counterweight  
 320,000 Lb. Carbody Counterweight  
 0 Lb. thru 599,800 Lb. Hanging Counterweight  
 at 59 Ft. Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

**18000 With  
 21000 MAX-ER**



## 280 Ft. Boom

### 50 Ft. Fixed Jib, 20 Degree Offset

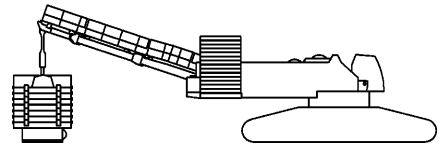
| Jib<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Feet | 247,800 Lb.<br>Hanging Counterweight                                 |                        | 467,800 Lb.<br>Hanging Counterweight                                 |                        | 599,800 Lb.<br>Hanging Counterweight                                 |                        | Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------|----------------------|-------------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|------------------------------|
|                              |                      |                               | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds |                              |
| 75                           | 82.0                 | 331.1                         | 283,900                                                              | 467,400*               |                                                                      |                        |                                                                      |                        | 75                           |
| 80                           | 81.1                 | 330.0                         | 252,500                                                              | 467,400*               |                                                                      |                        |                                                                      |                        | 80                           |
| 85                           | 80.2                 | 328.8                         | 225,100                                                              | 435,500*               |                                                                      |                        |                                                                      |                        | 85                           |
| 90                           | 79.3                 | 327.5                         | 201,100                                                              | 405,300*               | 363,700                                                              | 467,400*               |                                                                      |                        | 90                           |
| 95                           | 78.4                 | 326.1                         | 179,800                                                              | 378,100*               | 332,900                                                              | 467,400*               |                                                                      |                        | 95                           |
| 100                          | 77.5                 | 324.6                         | 160,900                                                              | 353,000*               | 305,500                                                              | 446,300*               | 392,400                                                              | 467,400*               | 100                          |
| 105                          | 76.6                 | 323.0                         | 143,900                                                              | 329,900*               | 280,900                                                              | 419,800*               | 363,200                                                              | 467,400*               | 105                          |
| 110                          | 75.6                 | 321.4                         | 128,600                                                              | 308,900*               | 258,700                                                              | 395,600*               | 336,800                                                              | 446,200*               | 110                          |
| 115                          | 74.7                 | 319.7                         | 114,700                                                              | 289,800*               | 238,500                                                              | 373,500*               | 313,000                                                              | 421,900*               | 115                          |
| 120                          | 73.8                 | 317.8                         | 102,000                                                              | 272,300*               | 220,200                                                              | 353,100*               | 291,300                                                              | 399,600*               | 120                          |
| 125                          | 72.8                 | 315.9                         | 90,400                                                               | 256,200*               | 203,400                                                              | 334,400*               | 271,400                                                              | 379,000*               | 125                          |
| 130                          | 71.9                 | 313.9                         | 79,700                                                               | 241,400*               | 188,000                                                              | 317,000*               | 253,100                                                              | 360,000*               | 130                          |
| 135                          | 71.0                 | 311.8                         | 69,900                                                               | 227,600*               | 173,900                                                              | 300,900*               | 236,300                                                              | 342,400*               | 135                          |
| 140                          | 70.0                 | 309.6                         | 60,800                                                               | 214,900*               | 160,700                                                              | 286,000*               | 220,800                                                              | 325,900*               | 140                          |
| 145                          | 69.0                 | 307.2                         | 52,400                                                               | 203,000*               | 148,600                                                              | 272,000*               | 206,400                                                              | 310,600*               | 145                          |
| 150                          | 68.1                 | 304.8                         | 44,500                                                               | 191,900*               | 137,200                                                              | 259,000*               | 193,000                                                              | 296,300*               | 150                          |
| 155                          | 67.1                 | 302.3                         | 37,200                                                               | 181,600*               | 126,700                                                              | 246,800*               | 180,500                                                              | 282,900*               | 155                          |
| 160                          | 66.1                 | 299.7                         | 30,300                                                               | 171,800*               | 116,800                                                              | 235,300*               | 168,800                                                              | 270,300*               | 160                          |
| 165                          | 65.1                 | 296.9                         | 23,900                                                               | 162,700*               | 107,500                                                              | 224,500*               | 157,800                                                              | 258,400*               | 165                          |
| 170                          | 64.1                 | 294.1                         | 17,800                                                               | 154,100*               | 98,800                                                               | 214,300*               | 147,500                                                              | 247,300*               | 170                          |
| 175                          | 63.1                 | 291.1                         | 12,100                                                               | 146,000*               | 90,700                                                               | 204,600*               | 137,800                                                              | 236,700*               | 175                          |
| 180                          | 62.0                 | 288.0                         | 6,800                                                                | 138,300*               | 82,900                                                               | 195,300*               | 128,700                                                              | 226,700*               | 180                          |
| 185                          | 61.0                 | 284.8                         | 1,700                                                                | 131,100*               | 75,600                                                               | 186,500*               | 120,100                                                              | 217,200*               | 185                          |
| 190                          | 59.9                 | 281.4                         |                                                                      | 124,200*               | 68,700                                                               | 178,200*               | 111,900                                                              | 208,300*               | 190                          |
| 195                          | 58.9                 | 277.9                         |                                                                      | 116,800*               | 62,200                                                               | 170,200*               | 104,200                                                              | 199,700*               | 195                          |
| 200                          | 57.8                 | 274.3                         |                                                                      | 109,300*               | 55,900                                                               | 162,700*               | 96,800                                                               | 191,600*               | 200                          |
| 210                          | 55.6                 | 266.5                         |                                                                      | 95,300*                | 44,400                                                               | 148,600*               | 83,200                                                               | 176,500*               | 210                          |
| 220                          | 53.3                 | 258.2                         |                                                                      | 82,500*                | 33,900                                                               | 135,900*               | 70,800                                                               | 162,700*               | 220                          |
| 230                          | 50.9                 | 249.1                         |                                                                      | 70,800*                | 24,200                                                               | 124,100*               | 59,400                                                               | 150,000*               | 230                          |
| 240                          | 48.5                 | 239.2                         |                                                                      | 60,100*                | 15,300                                                               | 113,400*               | 49,000                                                               | 138,300*               | 240                          |
| 250                          | 45.9                 | 228.4                         |                                                                      | 50,100*                | 7,100                                                                | 103,300*               | 39,300                                                               | 127,600*               | 250                          |
| 260                          | 43.2                 | 216.6                         |                                                                      | 40,800*                |                                                                      | 91,900*                | 30,300                                                               | 117,500*               | 260                          |
| 270                          | 40.3                 | 203.5                         |                                                                      | 32,200*                |                                                                      | 81,300*                | 22,000                                                               | 108,200*               | 270                          |
| 280                          | 37.2                 | 188.9                         |                                                                      | 24,100*                |                                                                      | 71,300*                | 14,100                                                               | 94,900*                | 280                          |

# Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
 492,000 Lb. Crane Counterweight  
 320,000 Lb. Carbody Counterweight  
 0 Lb. thru 599,800 Lb. Hanging Counterweight  
 at 59 Ft. Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

**18000 With  
 21000 MAX-ER**



## 300 Ft. Boom 50 Ft. Fixed Jib, 20 Degree Offset

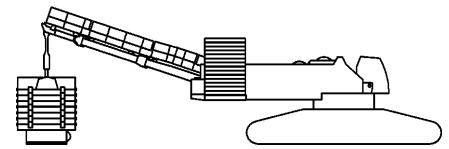
| Jib<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Feet | 467,800 Lb.<br>Hanging Counterweight                                 |                        | 599,800 Lb.<br>Hanging Counterweight                                 |                        |
|------------------------------|----------------------|-------------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|
|                              |                      |                               | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds |
| 95                           | 79.1                 | 346.6                         | 331,700                                                              | 402,300*               |                                                                      |                        |
| 100                          | 78.3                 | 345.3                         | 303,900                                                              | 402,300*               |                                                                      |                        |
| 105                          | 77.4                 | 343.8                         | 278,900                                                              | 402,300*               |                                                                      |                        |
| 110                          | 76.6                 | 342.2                         | 256,500                                                              | 392,000*               | 335,000                                                              | 402,300*               |
| 115                          | 75.7                 | 340.6                         | 236,100                                                              | 369,800*               | 310,900                                                              | 402,300*               |
| 120                          | 74.8                 | 338.9                         | 217,500                                                              | 349,400*               | 288,900                                                              | 395,900*               |
| 125                          | 73.9                 | 337.1                         | 200,600                                                              | 330,600*               | 268,800                                                              | 375,300*               |
| 130                          | 73.1                 | 335.2                         | 185,000                                                              | 313,300*               | 250,400                                                              | 356,200*               |
| 135                          | 72.2                 | 333.2                         | 170,600                                                              | 297,100*               | 233,400                                                              | 338,500*               |
| 140                          | 71.3                 | 331.2                         | 157,400                                                              | 282,100*               | 217,700                                                              | 322,100*               |
| 145                          | 70.4                 | 329.0                         | 145,100                                                              | 268,200*               | 203,100                                                              | 306,700*               |
| 150                          | 69.5                 | 326.8                         | 133,600                                                              | 255,100*               | 189,600                                                              | 292,400*               |
| 155                          | 68.6                 | 324.4                         | 123,000                                                              | 242,800*               | 177,000                                                              | 279,000*               |
| 160                          | 67.6                 | 322.0                         | 113,000                                                              | 231,300*               | 165,200                                                              | 266,300*               |
| 165                          | 66.7                 | 319.4                         | 103,600                                                              | 220,500*               | 154,100                                                              | 254,500*               |
| 170                          | 65.8                 | 316.8                         | 94,900                                                               | 210,300*               | 143,800                                                              | 243,300*               |
| 175                          | 64.8                 | 314.0                         | 86,600                                                               | 200,600*               | 134,000                                                              | 232,700*               |
| 180                          | 63.9                 | 311.2                         | 78,800                                                               | 191,500*               | 124,800                                                              | 222,700*               |
| 185                          | 62.9                 | 308.2                         | 71,500                                                               | 182,600*               | 116,100                                                              | 213,200*               |
| 190                          | 62.0                 | 305.1                         | 64,500                                                               | 174,300*               | 107,900                                                              | 204,200*               |
| 195                          | 61.0                 | 301.9                         | 57,900                                                               | 166,300*               | 100,100                                                              | 195,700*               |
| 200                          | 60.0                 | 298.6                         | 51,600                                                               | 158,800*               | 92,700                                                               | 187,500*               |
| 210                          | 58.0                 | 291.5                         | 40,000                                                               | 144,700*               | 78,900                                                               | 172,400*               |
| 220                          | 55.9                 | 283.9                         | 29,400                                                               | 131,900*               | 66,500                                                               | 158,600*               |
| 230                          | 53.8                 | 275.7                         | 19,700                                                               | 120,200*               | 55,100                                                               | 145,900*               |
| 240                          | 51.6                 | 266.9                         | 10,800                                                               | 109,400*               | 44,600                                                               | 134,300*               |
| 250                          | 49.3                 | 257.3                         | 2,600                                                                | 98,900*                | 34,900                                                               | 123,500*               |
| 260                          | 46.9                 | 246.9                         |                                                                      | 87,500*                | 26,000                                                               | 113,500*               |
| 270                          | 44.4                 | 235.6                         |                                                                      | 76,900*                | 17,600                                                               | 104,200*               |
| 280                          | 41.8                 | 223.2                         |                                                                      | 67,000*                | 9,800                                                                | 95,400*                |
| 290                          | 39.0                 | 209.6                         |                                                                      | 57,700*                | 2,500                                                                | 83,700*                |
| 300                          | 36.0                 | 194.3                         |                                                                      | 48,900*                |                                                                      | 71,700*                |

# Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
 492,000 Lb. Crane Counterweight  
 320,000 Lb. Carbody Counterweight  
 0 Lb. thru 599,800 Lb. Hanging Counterweight  
 at 59 Ft. Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

**18000 With  
 21000 MAX-ER**



## 320 Ft. Boom 50 Ft. Fixed Jib, 20 Degree Offset

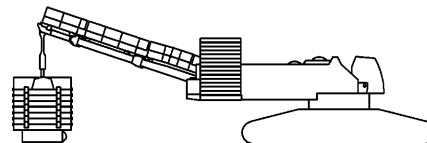
| Jib<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Feet | 467,800 Lb.<br>Hanging Counterweight                                 |                        | 599,800 Lb.<br>Hanging Counterweight                                 |                        |
|------------------------------|----------------------|-------------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|
|                              |                      |                               | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds |
| 105                          | 78.2                 | 364.5                         | 280,900                                                              | 336,900*               |                                                                      |                        |
| 110                          | 77.3                 | 363.0                         | 258,200                                                              | 336,900*               |                                                                      |                        |
| 115                          | 76.5                 | 361.5                         | 237,600                                                              | 336,900*               |                                                                      |                        |
| 120                          | 75.7                 | 359.9                         | 218,900                                                              | 336,900*               |                                                                      |                        |
| 125                          | 74.9                 | 358.2                         | 201,800                                                              | 330,200*               | 270,400                                                              | 336,900*               |
| 130                          | 74.1                 | 356.4                         | 186,200                                                              | 312,900*               | 251,800                                                              | 336,900*               |
| 135                          | 73.2                 | 354.6                         | 171,700                                                              | 296,700*               | 234,700                                                              | 336,900*               |
| 140                          | 72.4                 | 352.6                         | 158,300                                                              | 281,700*               | 218,900                                                              | 321,700*               |
| 145                          | 71.5                 | 350.6                         | 146,000                                                              | 267,700*               | 204,200                                                              | 306,300*               |
| 150                          | 70.7                 | 348.5                         | 134,400                                                              | 254,700*               | 190,600                                                              | 292,000*               |
| 155                          | 69.8                 | 346.3                         | 123,700                                                              | 242,400*               | 177,900                                                              | 278,500*               |
| 160                          | 69.0                 | 344.0                         | 113,700                                                              | 230,900*               | 166,100                                                              | 265,900*               |
| 165                          | 68.1                 | 341.6                         | 104,300                                                              | 220,100*               | 154,900                                                              | 254,000*               |
| 170                          | 67.3                 | 339.2                         | 95,400                                                               | 209,900*               | 144,500                                                              | 242,800*               |
| 175                          | 66.4                 | 336.6                         | 87,100                                                               | 200,200*               | 134,700                                                              | 232,300*               |
| 180                          | 65.5                 | 333.9                         | 79,300                                                               | 191,100*               | 125,400                                                              | 222,300*               |
| 185                          | 64.6                 | 331.2                         | 71,900                                                               | 182,300*               | 116,700                                                              | 212,800*               |
| 190                          | 63.7                 | 328.3                         | 64,900                                                               | 173,900*               | 108,400                                                              | 203,800*               |
| 195                          | 62.8                 | 325.3                         | 58,300                                                               | 166,000*               | 100,600                                                              | 195,300*               |
| 200                          | 61.9                 | 322.3                         | 52,000                                                               | 158,400*               | 93,200                                                               | 187,200*               |
| 210                          | 60.0                 | 315.8                         | 40,300                                                               | 144,400*               | 79,400                                                               | 172,000*               |
| 220                          | 58.1                 | 308.8                         | 29,700                                                               | 131,600*               | 66,900                                                               | 158,200*               |
| 230                          | 56.2                 | 301.3                         | 20,000                                                               | 119,900*               | 55,500                                                               | 145,600*               |
| 240                          | 54.2                 | 293.2                         | 11,100                                                               | 109,200*               | 45,000                                                               | 134,000*               |
| 250                          | 52.1                 | 284.6                         | 2,900                                                                | 98,800*                | 35,400                                                               | 123,200*               |
| 260                          | 50.0                 | 275.3                         |                                                                      | 87,900*                | 26,400                                                               | 113,300*               |
| 270                          | 47.7                 | 265.2                         |                                                                      | 77,300*                | 18,100                                                               | 104,000*               |
| 280                          | 45.4                 | 254.4                         |                                                                      | 67,500*                | 10,400                                                               | 95,400*                |
| 290                          | 43.0                 | 242.6                         |                                                                      | 58,300*                | 3,100                                                                | 85,700*                |
| 300                          | 40.5                 | 229.7                         |                                                                      | 49,600*                |                                                                      | 76,100*                |
| 310                          | 37.8                 | 215.5                         |                                                                      | 41,400*                |                                                                      | 66,300*                |

# Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
 492,000 Lb. Crane Counterweight  
 320,000 Lb. Carbody Counterweight  
 0 Lb. thru 599,800 Lb. Hanging Counterweight  
 at 59 Ft. Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

## 18000 With 21000 MAX-ER



### 340 Ft. Boom 50 Ft. Fixed Jib, 20 Degree Offset

| Jib<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Feet | 467,800 Lb.<br>Hanging Counterweight                                 |                        | 599,800 Lb.<br>Hanging Counterweight                                 |                        |
|------------------------------|----------------------|-------------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|
|                              |                      |                               | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds |
| 115                          | 77.3                 | 382.2                         | 235,100                                                              | 290,300*               |                                                                      |                        |
| 120                          | 76.5                 | 380.7                         | 216,200                                                              | 290,300*               |                                                                      |                        |
| 125                          | 75.7                 | 379.1                         | 198,900                                                              | 290,300*               |                                                                      |                        |
| 130                          | 74.9                 | 377.4                         | 183,000                                                              | 290,300*               |                                                                      |                        |
| 135                          | 74.2                 | 375.7                         | 168,400                                                              | 290,300*               | 231,700                                                              | 290,300*               |
| 140                          | 73.4                 | 373.9                         | 154,900                                                              | 277,900*               | 215,700                                                              | 290,300*               |
| 145                          | 72.6                 | 372.0                         | 142,400                                                              | 263,900*               | 200,900                                                              | 290,300*               |
| 150                          | 71.8                 | 370.0                         | 130,800                                                              | 250,800*               | 187,200                                                              | 288,100*               |
| 155                          | 71.0                 | 367.9                         | 119,900                                                              | 238,500*               | 174,300                                                              | 274,600*               |
| 160                          | 70.2                 | 365.8                         | 109,800                                                              | 226,900*               | 162,400                                                              | 262,000*               |
| 165                          | 69.4                 | 363.6                         | 100,300                                                              | 216,100*               | 151,200                                                              | 250,100*               |
| 170                          | 68.6                 | 361.2                         | 91,400                                                               | 205,900*               | 140,600                                                              | 238,900*               |
| 175                          | 67.7                 | 358.8                         | 83,000                                                               | 196,200*               | 130,700                                                              | 228,300*               |
| 180                          | 66.9                 | 356.4                         | 75,100                                                               | 187,100*               | 121,400                                                              | 218,300*               |
| 185                          | 66.1                 | 353.8                         | 67,700                                                               | 178,400*               | 112,600                                                              | 208,800*               |
| 190                          | 65.2                 | 351.1                         | 60,600                                                               | 170,000*               | 104,300                                                              | 199,800*               |
| 195                          | 64.4                 | 348.3                         | 53,900                                                               | 162,000*               | 96,400                                                               | 191,200*               |
| 200                          | 63.5                 | 345.5                         | 47,600                                                               | 154,500*               | 88,900                                                               | 183,100*               |
| 210                          | 61.8                 | 339.4                         | 35,800                                                               | 140,400*               | 75,100                                                               | 167,900*               |
| 220                          | 60.0                 | 332.9                         | 25,200                                                               | 127,600*               | 62,500                                                               | 154,100*               |
| 230                          | 58.2                 | 326.0                         | 15,400                                                               | 115,900*               | 51,000                                                               | 141,500*               |
| 240                          | 56.4                 | 318.6                         | 6,500                                                                | 104,900*               | 40,500                                                               | 129,900*               |
| 250                          | 54.5                 | 310.7                         |                                                                      | 93,300*                | 30,800                                                               | 119,100*               |
| 260                          | 52.6                 | 302.3                         |                                                                      | 82,500*                | 21,800                                                               | 109,200*               |
| 270                          | 50.6                 | 293.2                         |                                                                      | 72,500*                | 13,500                                                               | 99,900*                |
| 280                          | 48.5                 | 283.4                         |                                                                      | 62,800*                | 5,700                                                                | 90,000*                |
| 290                          | 46.3                 | 272.9                         |                                                                      | 53,600*                |                                                                      | 80,300*                |
| 300                          | 44.1                 | 261.6                         |                                                                      | 45,000*                |                                                                      | 71,200*                |
| 310                          | 41.8                 | 249.3                         |                                                                      | 36,900*                |                                                                      | 62,500*                |
| 320                          | 39.3                 | 235.9                         |                                                                      | 29,200*                |                                                                      | 54,000*                |
| 330                          | 36.6                 | 221.2                         |                                                                      | 21,900*                |                                                                      | 45,600*                |

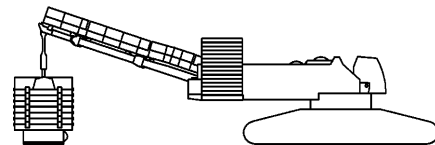


# Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
492,000 Lb. Crane Counterweight  
320,000 Lb. Carbody Counterweight  
0 Lb. thru 599,800 Lb. Hanging Counterweight  
at 59 Ft. Position  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements

## 18000 With 21000 MAX-ER



### 140 Ft. Boom

### 70 Ft. Fixed Jib, 5 Degree Offset

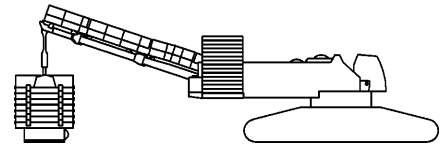
| Jib<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Feet | 0 Lb.<br>Hanging<br>Counterweight | 247,800 Lb.<br>Hanging Counterweight                                 |                        | 467,800 Lb.<br>Hanging Counterweight                                 |                        | 599,800 Lb.<br>Hanging Counterweight                                 |                        | Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------|----------------------|-------------------------------|-----------------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|------------------------------|
|                              |                      |                               | Jib Capacity<br>Pounds            | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds |                              |
| 50                           | 82.0                 | 217.4                         | 608,600*                          | 503,500                                                              | 813,400*               |                                                                      |                        |                                                                      |                        | 50                           |
| 55                           | 80.6                 | 216.3                         | 542,900*                          | 438,800                                                              | 734,600*               | 707,900                                                              | 888,000*               |                                                                      |                        | 55                           |
| 60                           | 79.2                 | 215.0                         | 488,600*                          | 386,300                                                              | 668,500*               | 629,900                                                              | 820,900*               |                                                                      |                        | 60                           |
| 65                           | 77.8                 | 213.6                         | 442,900*                          | 342,800                                                              | 612,200*               | 565,300                                                              | 753,200*               | 699,000                                                              | 837,900*               | 65                           |
| 70                           | 76.4                 | 212.0                         | 403,900*                          | 306,200                                                              | 563,700*               | 510,900                                                              | 695,000*               | 633,900                                                              | 773,700*               | 70                           |
| 75                           | 75.0                 | 210.3                         | 370,200*                          | 275,000                                                              | 521,500*               | 464,500                                                              | 644,200*               | 578,400                                                              | 717,900*               | 75                           |
| 80                           | 73.5                 | 208.5                         | 340,800*                          | 248,000                                                              | 484,400*               | 424,400                                                              | 599,600*               | 530,500                                                              | 668,800*               | 80                           |
| 85                           | 72.1                 | 206.5                         | 315,000*                          | 224,400                                                              | 451,500*               | 389,500                                                              | 560,100*               | 488,700                                                              | 625,300*               | 85                           |
| 90                           | 70.6                 | 204.4                         | 292,000*                          | 203,600                                                              | 422,000*               | 358,700                                                              | 524,900*               | 451,900                                                              | 586,600*               | 90                           |
| 95                           | 69.1                 | 202.1                         | 271,600*                          | 185,200                                                              | 394,600*               | 331,400                                                              | 493,300*               | 419,200                                                              | 551,800*               | 95                           |
| 100                          | 67.6                 | 199.7                         | 253,200*                          | 168,800                                                              | 369,900*               | 307,000                                                              | 464,800*               | 390,000                                                              | 520,400*               | 100                          |
| 105                          | 66.0                 | 197.1                         | 235,500                           | 153,900                                                              | 347,600*               | 285,000                                                              | 438,900*               | 363,800                                                              | 491,900*               | 105                          |
| 110                          | 64.5                 | 194.3                         | 218,500                           | 140,500                                                              | 327,300*               | 265,200                                                              | 415,400*               | 340,100                                                              | 466,000*               | 110                          |
| 115                          | 62.9                 | 191.3                         | 203,200                           | 128,400                                                              | 308,800*               | 247,200                                                              | 393,800*               | 318,600                                                              | 442,300*               | 115                          |
| 120                          | 61.3                 | 188.2                         | 189,300                           | 117,200                                                              | 291,900*               | 230,700                                                              | 373,900*               | 298,900                                                              | 420,400*               | 120                          |
| 125                          | 59.7                 | 184.8                         | 176,600                           | 107,000                                                              | 276,300*               | 215,600                                                              | 355,700*               | 280,900                                                              | 400,300*               | 125                          |
| 130                          | 58.0                 | 181.3                         | 165,000                           | 97,600                                                               | 262,000*               | 201,700                                                              | 338,700*               | 264,300                                                              | 381,700*               | 130                          |
| 135                          | 56.3                 | 177.5                         | 154,400                           | 88,900                                                               | 248,700*               | 188,900                                                              | 323,000*               | 249,000                                                              | 364,400*               | 135                          |
| 140                          | 54.5                 | 173.4                         | 144,600                           | 80,800                                                               | 236,300*               | 177,000                                                              | 308,400*               | 234,800                                                              | 348,400*               | 140                          |
| 145                          | 52.8                 | 169.1                         | 135,500                           | 73,300                                                               | 224,800*               | 165,900                                                              | 294,800*               | 221,600                                                              | 333,400*               | 145                          |
| 150                          | 50.9                 | 164.6                         | 127,100                           | 66,300                                                               | 214,100*               | 155,600                                                              | 282,000*               | 209,300                                                              | 319,300*               | 150                          |
| 155                          | 49.0                 | 159.7                         | 118,600*                          | 59,700                                                               | 204,000*               | 145,900                                                              | 270,000*               | 197,800                                                              | 306,200*               | 155                          |
| 160                          | 47.0                 | 154.4                         | 110,600*                          | 53,500                                                               | 194,500*               | 136,800                                                              | 258,800*               | 186,900                                                              | 293,800*               | 160                          |
| 165                          | 45.0                 | 148.8                         | 103,000*                          | 47,700                                                               | 185,600*               | 128,300                                                              | 247,900*               | 176,800                                                              | 279,200*               | 165                          |
| 170                          | 42.9                 | 142.8                         | 95,900*                           | 42,100                                                               | 177,200*               | 120,200                                                              | 237,700*               | 167,200                                                              | 265,000*               | 170                          |
| 175                          | 40.6                 | 136.2                         | 89,100*                           | 36,900                                                               | 169,300*               | 112,600                                                              | 228,000*               | 158,100                                                              | 251,500*               | 175                          |
| 180                          | 38.3                 | 129.1                         | 82,700*                           | 31,900                                                               | 161,800*               | 105,300                                                              | 217,500*               | 149,500                                                              | 238,500*               | 180                          |
| 185                          | 35.8                 | 121.3                         | 76,600*                           | 27,100                                                               | 154,700*               | 98,400                                                               | 205,800*               | 141,300                                                              | 226,100*               | 185                          |
| 190                          | 33.0                 | 112.7                         | 70,700*                           | 22,600                                                               | 147,900*               | 91,800                                                               | 194,400*               | 133,400                                                              | 214,000*               | 190                          |
| 195                          | 30.1                 | 103.0                         | 65,000*                           | 18,100                                                               | 140,700*               | 85,400                                                               | 183,300*               | 125,900                                                              | 202,300*               | 195                          |
| 200                          | 26.8                 | 91.8                          | 59,500*                           | 13,800                                                               | 133,100*               | 79,200                                                               | 172,400*               | 118,600                                                              | 190,600*               | 200                          |

# Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
 492,000 Lb. Crane Counterweight  
 320,000 Lb. Carbody Counterweight  
 0 Lb. thru 599,800 Lb. Hanging Counterweight  
 at 59 Ft. Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

## 18000 With 21000 MAX-ER



**160 Ft. Boom**

**70 Ft. Fixed Jib, 5 Degree Offset**

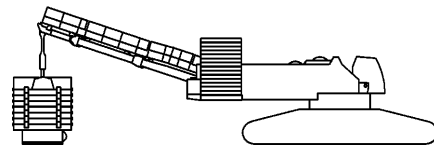
| Jib<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Feet | 0 Lb.<br>Hanging<br>Counterweight | 247,800 Lb.<br>Hanging Counterweight                                 |                        | 467,800 Lb.<br>Hanging Counterweight                                 |                        | 599,800 Lb.<br>Hanging Counterweight                                 |                        | Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------|----------------------|-------------------------------|-----------------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|------------------------------|
|                              |                      |                               | Jib Capacity<br>Pounds            | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds |                              |
| 55                           | 81.8                 | 236.5                         | 541,300*                          | 444,400                                                              | 732,500*               | 717,000                                                              | 872,900*               |                                                                      |                        | 55                           |
| 60                           | 80.6                 | 235.4                         | 486,700*                          | 390,300                                                              | 666,100*               | 636,900                                                              | 818,500*               |                                                                      |                        | 60                           |
| 65                           | 79.3                 | 234.1                         | 440,700*                          | 345,600                                                              | 609,600*               | 570,700                                                              | 750,600*               |                                                                      |                        | 65                           |
| 70                           | 78.0                 | 232.7                         | 401,500*                          | 308,000                                                              | 560,900*               | 515,000                                                              | 692,200*               | 639,400                                                              | 770,900*               | 70                           |
| 75                           | 76.7                 | 231.2                         | 367,600*                          | 276,000                                                              | 518,600*               | 467,500                                                              | 641,300*               | 582,600                                                              | 714,900*               | 75                           |
| 80                           | 75.4                 | 229.5                         | 338,100*                          | 248,300                                                              | 481,300*               | 426,500                                                              | 596,600*               | 533,700                                                              | 665,700*               | 80                           |
| 85                           | 74.1                 | 227.7                         | 312,100*                          | 224,100                                                              | 448,300*               | 390,800                                                              | 557,000*               | 491,000                                                              | 622,200*               | 85                           |
| 90                           | 72.7                 | 225.8                         | 289,100*                          | 202,900                                                              | 418,900*               | 359,400                                                              | 521,700*               | 453,500                                                              | 583,300*               | 90                           |
| 95                           | 71.4                 | 223.7                         | 268,500*                          | 184,100                                                              | 391,500*               | 331,600                                                              | 490,000*               | 420,200                                                              | 548,500*               | 95                           |
| 100                          | 70.0                 | 221.6                         | 250,000*                          | 167,200                                                              | 366,700*               | 306,700                                                              | 461,400*               | 390,500                                                              | 517,000*               | 100                          |
| 105                          | 68.7                 | 219.2                         | 233,100                           | 152,100                                                              | 344,300*               | 284,300                                                              | 435,400*               | 363,800                                                              | 488,500*               | 105                          |
| 110                          | 67.3                 | 216.7                         | 216,000                           | 138,400                                                              | 324,000*               | 264,100                                                              | 411,800*               | 339,700                                                              | 462,400*               | 110                          |
| 115                          | 65.9                 | 214.1                         | 200,500                           | 126,000                                                              | 305,400*               | 245,800                                                              | 390,200*               | 317,800                                                              | 438,600*               | 115                          |
| 120                          | 64.5                 | 211.3                         | 186,500                           | 114,600                                                              | 288,400*               | 229,100                                                              | 370,300*               | 297,800                                                              | 416,800*               | 120                          |
| 125                          | 63.0                 | 208.4                         | 173,800                           | 104,200                                                              | 272,800*               | 213,700                                                              | 351,900*               | 279,500                                                              | 396,600*               | 125                          |
| 130                          | 61.5                 | 205.2                         | 162,100                           | 94,700                                                               | 258,400*               | 199,600                                                              | 335,000*               | 262,700                                                              | 378,000*               | 130                          |
| 135                          | 60.1                 | 201.9                         | 151,400                           | 85,800                                                               | 245,100*               | 186,600                                                              | 319,300*               | 247,200                                                              | 360,700*               | 135                          |
| 140                          | 58.5                 | 198.4                         | 141,500                           | 77,600                                                               | 232,700*               | 174,500                                                              | 304,600*               | 232,800                                                              | 344,600*               | 140                          |
| 145                          | 57.0                 | 194.7                         | 132,400                           | 70,000                                                               | 221,100*               | 163,300                                                              | 290,900*               | 219,400                                                              | 329,500*               | 145                          |
| 150                          | 55.4                 | 190.8                         | 123,700*                          | 62,800                                                               | 210,400*               | 152,900                                                              | 278,200*               | 207,000                                                              | 315,500*               | 150                          |
| 155                          | 53.8                 | 186.6                         | 115,100*                          | 56,200                                                               | 200,300*               | 143,100                                                              | 266,200*               | 195,300                                                              | 302,300*               | 155                          |
| 160                          | 52.1                 | 182.2                         | 107,000*                          | 49,900                                                               | 190,800*               | 133,900                                                              | 254,900*               | 184,400                                                              | 290,000*               | 160                          |
| 165                          | 50.4                 | 177.5                         | 99,400*                           | 44,000                                                               | 181,900*               | 125,300                                                              | 244,200*               | 174,200                                                              | 278,300*               | 165                          |
| 170                          | 48.7                 | 172.6                         | 92,300*                           | 38,500                                                               | 173,500*               | 117,200                                                              | 234,000*               | 164,500                                                              | 267,300*               | 170                          |
| 175                          | 46.9                 | 167.3                         | 85,500*                           | 33,200                                                               | 165,600*               | 109,500                                                              | 224,300*               | 155,400                                                              | 256,900*               | 175                          |
| 180                          | 45.0                 | 161.6                         | 79,100*                           | 28,300                                                               | 158,100*               | 102,300                                                              | 215,100*               | 146,800                                                              | 247,100*               | 180                          |
| 185                          | 43.1                 | 155.6                         | 73,000*                           | 23,500                                                               | 151,000*               | 95,400                                                               | 206,500*               | 138,600                                                              | 237,700*               | 185                          |
| 190                          | 41.0                 | 149.1                         | 67,200*                           | 19,000                                                               | 144,200*               | 88,900                                                               | 198,200*               | 130,900                                                              | 225,700*               | 190                          |
| 195                          | 38.9                 | 142.2                         | 61,600*                           | 14,700                                                               | 137,800*               | 82,600                                                               | 190,400*               | 123,400                                                              | 214,200*               | 195                          |
| 200                          | 36.6                 | 134.6                         | 56,300*                           | 10,600                                                               | 130,500*               | 76,600                                                               | 183,000*               | 116,400                                                              | 203,100*               | 200                          |
| 210                          | 31.6                 | 117.1                         | 46,300*                           | 2,700                                                                | 116,700*               | 65,400                                                               | 163,800*               | 103,000                                                              | 181,900*               | 210                          |
| 220                          | 25.6                 | 94.9                          | 36,800*                           |                                                                      | 103,800*               | 54,800                                                               | 144,500*               | 90,500                                                               | 161,400*               | 220                          |

# Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
492,000 Lb. Crane Counterweight  
320,000 Lb. Carbody Counterweight  
0 Lb. thru 599,800 Lb. Hanging Counterweight  
at 59 Ft. Position  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements

## 18000 With 21000 MAX-ER



### 180 Ft. Boom

### 70 Ft. Fixed Jib, 5 Degree Offset

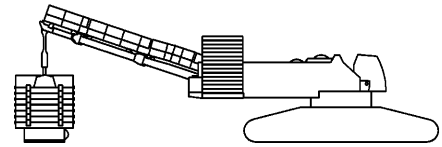
| Jib<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Feet | 0 Lb.<br>Hanging<br>Counterweight | 247,800 Lb.<br>Hanging Counterweight                                 |                        | 467,800 Lb.<br>Hanging Counterweight                                 |                        | 599,800 Lb.<br>Hanging Counterweight                                 |                        | Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------|----------------------|-------------------------------|-----------------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|------------------------------|
|                              |                      |                               | Jib Capacity<br>Pounds            | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds |                              |
| 60                           | 81.6                 | 255.7                         | 485,200*                          | 394,200                                                              | 664,300*               | 643,500                                                              | 816,700*               |                                                                      |                        | 60                           |
| 65                           | 80.4                 | 254.5                         | 439,100*                          | 348,400                                                              | 607,600*               | 575,900                                                              | 748,600*               |                                                                      |                        | 65                           |
| 70                           | 79.3                 | 253.2                         | 399,700*                          | 310,000                                                              | 558,800*               | 519,000                                                              | 690,000*               | 644,600                                                              | 768,800*               | 70                           |
| 75                           | 78.1                 | 251.8                         | 365,600*                          | 277,200                                                              | 516,300*               | 470,600                                                              | 639,000*               | 586,800                                                              | 712,700*               | 75                           |
| 80                           | 76.9                 | 250.3                         | 336,000*                          | 248,900                                                              | 478,900*               | 428,800                                                              | 594,200*               | 537,000                                                              | 663,300*               | 80                           |
| 85                           | 75.7                 | 248.6                         | 309,900*                          | 224,300                                                              | 445,900*               | 392,400                                                              | 554,500*               | 493,500                                                              | 619,700*               | 85                           |
| 90                           | 74.5                 | 246.9                         | 286,700*                          | 202,600                                                              | 416,400*               | 360,500                                                              | 519,100*               | 455,300                                                              | 580,800*               | 90                           |
| 95                           | 73.2                 | 245.0                         | 266,000*                          | 183,400                                                              | 389,000*               | 332,100                                                              | 487,300*               | 421,500                                                              | 545,800*               | 95                           |
| 100                          | 72.0                 | 243.0                         | 247,500*                          | 166,300                                                              | 364,200*               | 306,800                                                              | 458,700*               | 391,300                                                              | 514,300*               | 100                          |
| 105                          | 70.8                 | 240.9                         | 230,700*                          | 150,800                                                              | 341,700*               | 284,100                                                              | 432,700*               | 364,200                                                              | 485,700*               | 105                          |
| 110                          | 69.5                 | 238.7                         | 213,900                           | 136,900                                                              | 321,300*               | 263,600                                                              | 409,000*               | 339,700                                                              | 459,600*               | 110                          |
| 115                          | 68.3                 | 236.3                         | 198,300                           | 124,300                                                              | 302,700*               | 245,000                                                              | 387,300*               | 317,500                                                              | 435,800*               | 115                          |
| 120                          | 67.0                 | 233.8                         | 184,200                           | 112,700                                                              | 285,700*               | 228,000                                                              | 367,400*               | 297,300                                                              | 413,900*               | 120                          |
| 125                          | 65.7                 | 231.1                         | 171,400                           | 102,200                                                              | 270,000*               | 212,400                                                              | 349,000*               | 278,700                                                              | 393,700*               | 125                          |
| 130                          | 64.4                 | 228.3                         | 159,700                           | 92,400                                                               | 255,600*               | 198,100                                                              | 332,000*               | 261,700                                                              | 375,000*               | 130                          |
| 135                          | 63.0                 | 225.4                         | 148,900                           | 83,500                                                               | 242,200*               | 184,900                                                              | 316,200*               | 245,900                                                              | 357,700*               | 135                          |
| 140                          | 61.7                 | 222.3                         | 139,000                           | 75,100                                                               | 229,800*               | 172,700                                                              | 301,600*               | 231,400                                                              | 341,500*               | 140                          |
| 145                          | 60.3                 | 219.0                         | 129,800                           | 67,400                                                               | 218,200*               | 161,400                                                              | 287,900*               | 217,900                                                              | 326,500*               | 145                          |
| 150                          | 58.9                 | 215.5                         | 121,000*                          | 60,200                                                               | 207,400*               | 150,800                                                              | 275,100*               | 205,300                                                              | 312,400*               | 150                          |
| 155                          | 57.5                 | 211.9                         | 112,300*                          | 53,500                                                               | 197,300*               | 140,900                                                              | 263,100*               | 193,500                                                              | 299,200*               | 155                          |
| 160                          | 56.1                 | 208.0                         | 104,200*                          | 47,100                                                               | 187,800*               | 131,700                                                              | 251,800*               | 182,500                                                              | 286,900*               | 160                          |
| 165                          | 54.6                 | 204.0                         | 96,600*                           | 41,200                                                               | 178,900*               | 123,000                                                              | 241,200*               | 172,200                                                              | 275,200*               | 165                          |
| 170                          | 53.1                 | 199.7                         | 89,300*                           | 35,600                                                               | 170,500*               | 114,800                                                              | 231,000*               | 162,500                                                              | 264,200*               | 170                          |
| 175                          | 51.6                 | 195.2                         | 82,600*                           | 30,300                                                               | 162,600*               | 107,100                                                              | 221,300*               | 153,300                                                              | 253,800*               | 175                          |
| 180                          | 50.0                 | 190.5                         | 76,100*                           | 25,300                                                               | 155,100*               | 99,900                                                               | 212,100*               | 144,600                                                              | 244,000*               | 180                          |
| 185                          | 48.4                 | 185.4                         | 70,000*                           | 20,600                                                               | 148,000*               | 93,000                                                               | 203,500*               | 136,500                                                              | 234,700*               | 185                          |
| 190                          | 46.7                 | 180.1                         | 64,200*                           | 16,100                                                               | 141,300*               | 86,400                                                               | 195,300*               | 128,700                                                              | 225,800*               | 190                          |
| 195                          | 45.0                 | 174.5                         | 58,700*                           | 11,800                                                               | 134,900*               | 80,200                                                               | 187,500*               | 121,300                                                              | 217,400*               | 195                          |
| 200                          | 43.2                 | 168.5                         | 53,400*                           | 7,700                                                                | 128,000*               | 74,200                                                               | 180,000*               | 114,300                                                              | 209,400*               | 200                          |
| 210                          | 39.4                 | 155.2                         | 43,600*                           |                                                                      | 114,400*               | 63,100                                                               | 166,200*               | 101,100                                                              | 191,900*               | 210                          |
| 220                          | 35.2                 | 139.7                         | 34,500*                           |                                                                      | 101,900*               | 52,900                                                               | 153,500*               | 89,000                                                               | 172,400*               | 220                          |
| 230                          | 30.3                 | 121.3                         | 26,000*                           |                                                                      | 90,300*                | 43,400                                                               | 137,100*               | 77,700                                                               | 153,900*               | 230                          |
| 240                          | 24.5                 | 97.8                          | 17,800*                           |                                                                      | 79,200*                | 34,200                                                               | 120,100*               | 67,000                                                               | 135,900*               | 240                          |

# Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
 492,000 Lb. Crane Counterweight  
 320,000 Lb. Carbody Counterweight  
 0 Lb. thru 599,800 Lb. Hanging Counterweight  
 at 59 Ft. Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

**18000 With  
 21000 MAX-ER**



**200 Ft. Boom**

**70 Ft. Fixed Jib, 5 Degree Offset**

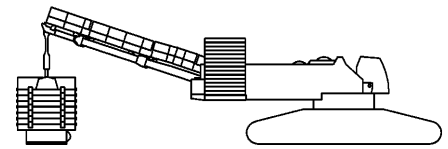
| Jib<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Feet | 0 Lb.<br>Hanging<br>Counterweight | 247,800 Lb.<br>Hanging Counterweight                                 |                        | 467,800 Lb.<br>Hanging Counterweight                                 |                        | 599,800 Lb.<br>Hanging Counterweight                                 |                        | Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------|----------------------|-------------------------------|-----------------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|------------------------------|
|                              |                      |                               | Jib Capacity<br>Pounds            | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds |                              |
| 60                           | 81.9                 | 276.3                         | 480,900*                          | 393,500                                                              | 659,500*               |                                                                      |                        |                                                                      |                        | 60                           |
| 65                           | 80.9                 | 275.2                         | 434,600*                          | 347,000                                                              | 602,800*               | 576,400                                                              | 743,800*               |                                                                      |                        | 65                           |
| 70                           | 79.8                 | 274.0                         | 395,200*                          | 307,900                                                              | 554,000*               | 518,700                                                              | 685,200*               |                                                                      |                        | 70                           |
| 75                           | 78.7                 | 272.8                         | 361,100*                          | 274,600                                                              | 511,500*               | 469,600                                                              | 634,200*               | 586,800                                                              | 707,800*               | 75                           |
| 80                           | 77.6                 | 271.4                         | 331,400*                          | 246,000                                                              | 474,100*               | 427,300                                                              | 589,400*               | 536,300                                                              | 658,500*               | 80                           |
| 85                           | 76.5                 | 269.9                         | 305,300*                          | 221,000                                                              | 441,000*               | 390,400                                                              | 549,700*               | 492,300                                                              | 614,900*               | 85                           |
| 90                           | 75.4                 | 268.3                         | 282,100*                          | 199,000                                                              | 411,500*               | 358,000                                                              | 514,300*               | 453,600                                                              | 575,900*               | 90                           |
| 95                           | 74.2                 | 266.6                         | 261,400*                          | 179,600                                                              | 384,400*               | 329,400                                                              | 482,500*               | 419,400                                                              | 541,000*               | 95                           |
| 100                          | 73.1                 | 264.7                         | 242,800*                          | 162,200                                                              | 359,500*               | 303,800                                                              | 453,800*               | 388,900                                                              | 509,400*               | 100                          |
| 105                          | 72.0                 | 262.8                         | 226,000*                          | 146,600                                                              | 337,100*               | 280,800                                                              | 427,800*               | 361,500                                                              | 480,800*               | 105                          |
| 110                          | 70.8                 | 260.8                         | 209,900                           | 132,600                                                              | 316,700*               | 260,100                                                              | 404,100*               | 336,700                                                              | 454,800*               | 110                          |
| 115                          | 69.7                 | 258.6                         | 194,300                           | 119,800                                                              | 298,100*               | 241,300                                                              | 382,400*               | 314,300                                                              | 430,900*               | 115                          |
| 120                          | 68.5                 | 256.3                         | 180,200                           | 108,100                                                              | 281,000*               | 224,100                                                              | 362,500*               | 293,800                                                              | 409,000*               | 120                          |
| 125                          | 67.3                 | 253.9                         | 167,300                           | 97,500                                                               | 265,300*               | 208,400                                                              | 344,200*               | 275,100                                                              | 388,800*               | 125                          |
| 130                          | 66.1                 | 251.4                         | 155,600                           | 87,600                                                               | 250,900*               | 194,000                                                              | 327,200*               | 257,900                                                              | 370,100*               | 130                          |
| 135                          | 64.9                 | 248.7                         | 144,800                           | 78,600                                                               | 237,500*               | 180,700                                                              | 311,400*               | 242,000                                                              | 352,800*               | 135                          |
| 140                          | 63.7                 | 245.9                         | 134,800                           | 70,200                                                               | 225,100*               | 168,400                                                              | 296,800*               | 227,400                                                              | 336,700*               | 140                          |
| 145                          | 62.5                 | 242.9                         | 125,200*                          | 62,400                                                               | 213,500*               | 156,900                                                              | 283,100*               | 213,700                                                              | 321,700*               | 145                          |
| 150                          | 61.3                 | 239.8                         | 115,900*                          | 55,100                                                               | 202,700*               | 146,300                                                              | 270,300*               | 201,100                                                              | 307,600*               | 150                          |
| 155                          | 60.0                 | 236.6                         | 107,200*                          | 48,400                                                               | 192,600*               | 136,300                                                              | 258,300*               | 189,200                                                              | 294,500*               | 155                          |
| 160                          | 58.7                 | 233.2                         | 99,000*                           | 42,000                                                               | 183,200*               | 127,000                                                              | 247,100*               | 178,200                                                              | 282,100*               | 160                          |
| 165                          | 57.4                 | 229.6                         | 91,300*                           | 36,000                                                               | 174,300*               | 118,300                                                              | 236,500*               | 167,800                                                              | 270,400*               | 165                          |
| 170                          | 56.1                 | 225.8                         | 84,100*                           | 30,400                                                               | 165,900*               | 110,100                                                              | 226,300*               | 158,000                                                              | 259,500*               | 170                          |
| 175                          | 54.7                 | 221.9                         | 77,300*                           | 25,100                                                               | 158,000*               | 102,400                                                              | 216,700*               | 148,800                                                              | 249,100*               | 175                          |
| 180                          | 53.4                 | 217.8                         | 70,900*                           | 20,100                                                               | 150,500*               | 95,100                                                               | 207,600*               | 140,100                                                              | 239,300*               | 180                          |
| 185                          | 52.0                 | 213.4                         | 64,800*                           | 15,400                                                               | 143,400*               | 88,200                                                               | 198,900*               | 131,900                                                              | 230,000*               | 185                          |
| 190                          | 50.5                 | 208.9                         | 59,000*                           | 10,900                                                               | 136,700*               | 81,600                                                               | 190,700*               | 124,200                                                              | 221,200*               | 190                          |
| 195                          | 49.1                 | 204.0                         | 53,500*                           | 6,600                                                                | 130,400*               | 75,400                                                               | 183,000*               | 116,800                                                              | 212,800*               | 195                          |
| 200                          | 47.6                 | 199.0                         | 48,300*                           | 2,600                                                                | 123,200*               | 69,500                                                               | 175,600*               | 109,800                                                              | 204,800*               | 200                          |
| 210                          | 44.4                 | 188.0                         | 38,500*                           |                                                                      | 109,700*               | 58,500                                                               | 161,800*               | 96,700                                                               | 189,900*               | 210                          |
| 220                          | 41.1                 | 175.7                         | 29,600*                           |                                                                      | 97,300*                | 48,400                                                               | 149,200*               | 84,700                                                               | 176,300*               | 220                          |
| 230                          | 37.4                 | 161.7                         | 21,300*                           |                                                                      | 85,900*                | 39,100                                                               | 137,700*               | 73,700                                                               | 159,800*               | 230                          |
| 240                          | 33.4                 | 145.5                         |                                   |                                                                      | 75,400*                | 30,500                                                               | 126,400*               | 63,500                                                               | 142,900*               | 240                          |
| 250                          | 28.8                 | 126.3                         |                                   |                                                                      | 65,500*                | 22,300                                                               | 111,100*               | 53,900                                                               | 126,700*               | 250                          |
| 260                          | 23.2                 | 101.9                         |                                   |                                                                      | 56,000*                | 14,500                                                               | 96,100*                | 44,700                                                               | 110,800*               | 260                          |

# Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
492,000 Lb. Crane Counterweight  
320,000 Lb. Carbody Counterweight  
0 Lb. thru 599,800 Lb. Hanging Counterweight  
at 59 Ft. Position  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements

**18000 With  
21000 MAX-ER**



## 220 Ft. Boom 70 Ft. Fixed Jib, 5 Degree Offset

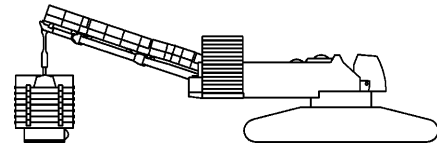
| Jib<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Feet | 247,800 Lb.<br>Hanging Counterweight                                 |                        | 467,800 Lb.<br>Hanging Counterweight                                 |                        | 599,800 Lb.<br>Hanging Counterweight                                 |                        | Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------|----------------------|-------------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|------------------------------|
|                              |                      |                               | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds |                              |
| 65                           | 81.7                 | 295.5                         | 348,600                                                              | 600,100*               |                                                                      |                        |                                                                      |                        | 65                           |
| 70                           | 80.6                 | 294.4                         | 308,700                                                              | 551,100*               | 521,300                                                              | 638,100*               |                                                                      |                        | 70                           |
| 75                           | 79.6                 | 293.2                         | 274,700                                                              | 508,400*               | 471,200                                                              | 631,200*               |                                                                      |                        | 75                           |
| 80                           | 78.6                 | 291.9                         | 245,400                                                              | 470,900*               | 428,100                                                              | 586,200*               | 537,900                                                              | 638,100*               | 80                           |
| 85                           | 77.6                 | 290.6                         | 219,900                                                              | 437,800*               | 390,600                                                              | 546,400*               | 493,200                                                              | 611,600*               | 85                           |
| 90                           | 76.6                 | 289.1                         | 197,600                                                              | 408,100*               | 357,700                                                              | 510,900*               | 453,900                                                              | 572,500*               | 90                           |
| 95                           | 75.5                 | 287.5                         | 177,700                                                              | 381,200*               | 328,500                                                              | 479,000*               | 419,200                                                              | 537,500*               | 95                           |
| 100                          | 74.5                 | 285.8                         | 160,000                                                              | 356,300*               | 302,500                                                              | 450,300*               | 388,200                                                              | 505,900*               | 100                          |
| 105                          | 73.4                 | 284.0                         | 144,200                                                              | 333,700*               | 279,200                                                              | 424,200*               | 360,400                                                              | 477,200*               | 105                          |
| 110                          | 72.4                 | 282.2                         | 129,800                                                              | 313,200*               | 258,100                                                              | 400,400*               | 335,300                                                              | 451,100*               | 110                          |
| 115                          | 71.3                 | 280.2                         | 116,800                                                              | 294,500*               | 239,000                                                              | 378,700*               | 312,500                                                              | 427,200*               | 115                          |
| 120                          | 70.3                 | 278.1                         | 105,000                                                              | 277,400*               | 221,600                                                              | 358,700*               | 291,800                                                              | 405,200*               | 120                          |
| 125                          | 69.2                 | 275.8                         | 94,100                                                               | 261,700*               | 205,700                                                              | 340,300*               | 272,800                                                              | 385,000*               | 125                          |
| 130                          | 68.1                 | 273.5                         | 84,100                                                               | 247,200*               | 191,100                                                              | 323,300*               | 255,400                                                              | 366,200*               | 130                          |
| 135                          | 67.0                 | 271.1                         | 74,900                                                               | 233,800*               | 177,600                                                              | 307,500*               | 239,300                                                              | 348,900*               | 135                          |
| 140                          | 65.9                 | 268.5                         | 66,400                                                               | 221,300*               | 165,100                                                              | 292,800*               | 224,400                                                              | 332,700*               | 140                          |
| 145                          | 64.8                 | 265.8                         | 58,500                                                               | 209,700*               | 153,500                                                              | 279,100*               | 210,700                                                              | 317,700*               | 145                          |
| 150                          | 63.6                 | 263.0                         | 51,100                                                               | 198,900*               | 142,800                                                              | 266,200*               | 197,800                                                              | 303,600*               | 150                          |
| 155                          | 62.5                 | 260.1                         | 44,200                                                               | 188,700*               | 132,700                                                              | 254,200*               | 185,900                                                              | 290,400*               | 155                          |
| 160                          | 61.3                 | 257.0                         | 37,800                                                               | 179,200*               | 123,300                                                              | 243,000*               | 174,700                                                              | 278,000*               | 160                          |
| 165                          | 60.1                 | 253.7                         | 31,700                                                               | 170,300*               | 114,500                                                              | 232,300*               | 164,200                                                              | 266,300*               | 165                          |
| 170                          | 59.0                 | 250.4                         | 26,100                                                               | 161,900*               | 106,200                                                              | 222,300*               | 154,300                                                              | 255,300*               | 170                          |
| 175                          | 57.7                 | 246.8                         | 20,700                                                               | 154,000*               | 98,400                                                               | 212,600*               | 145,000                                                              | 244,900*               | 175                          |
| 180                          | 56.5                 | 243.2                         | 15,600                                                               | 146,500*               | 91,000                                                               | 203,500*               | 136,300                                                              | 235,100*               | 180                          |
| 185                          | 55.3                 | 239.3                         | 10,900                                                               | 139,400*               | 84,000                                                               | 194,800*               | 128,000                                                              | 225,800*               | 185                          |
| 190                          | 54.0                 | 235.3                         | 6,300                                                                | 132,600*               | 77,400                                                               | 186,600*               | 120,200                                                              | 217,000*               | 190                          |
| 195                          | 52.7                 | 231.0                         | 2,000                                                                | 126,000*               | 71,200                                                               | 178,900*               | 112,700                                                              | 208,600*               | 195                          |
| 200                          | 51.4                 | 226.6                         |                                                                      | 118,800*               | 65,200                                                               | 171,400*               | 105,700                                                              | 200,600*               | 200                          |
| 210                          | 48.7                 | 217.1                         |                                                                      | 105,200*               | 54,100                                                               | 157,700*               | 92,500                                                               | 185,700*               | 210                          |
| 220                          | 45.8                 | 206.6                         |                                                                      | 92,800*                | 44,000                                                               | 145,100*               | 80,500                                                               | 172,100*               | 220                          |
| 230                          | 42.8                 | 195.0                         |                                                                      | 81,500*                | 34,700                                                               | 133,600*               | 69,600                                                               | 159,600*               | 230                          |
| 240                          | 39.6                 | 182.0                         |                                                                      | 71,000*                | 26,200                                                               | 123,000*               | 59,400                                                               | 147,300*               | 240                          |
| 250                          | 36.1                 | 167.3                         |                                                                      | 61,300*                | 18,200                                                               | 113,200*               | 50,000                                                               | 131,600*               | 250                          |
| 260                          | 32.2                 | 150.4                         |                                                                      | 52,200*                | 10,700                                                               | 101,400*               | 41,200                                                               | 116,800*               | 260                          |
| 270                          | 27.7                 | 130.2                         |                                                                      | 43,500*                | 3,500                                                                | 87,800*                | 32,800                                                               | 102,400*               | 270                          |

# Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
 492,000 Lb. Crane Counterweight  
 320,000 Lb. Carbody Counterweight  
 0 Lb. thru 599,800 Lb. Hanging Counterweight  
 at 59 Ft. Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

## 18000 With 21000 MAX-ER



### 240 Ft. Boom

### 70 Ft. Fixed Jib, 5 Degree Offset

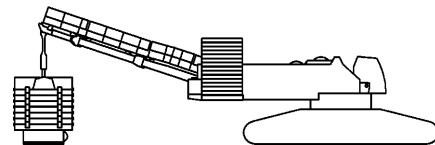
| Jib<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Feet | 247,800 Lb.<br>Hanging Counterweight                                 |                        | 467,800 Lb.<br>Hanging Counterweight                                 |                        | 599,800 Lb.<br>Hanging Counterweight                                 |                        | Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------|----------------------|-------------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|------------------------------|
|                              |                      |                               | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds |                              |
| 70                           | 81.4                 | 314.7                         | 310,500                                                              | 542,200*               |                                                                      |                        |                                                                      |                        | 70                           |
| 75                           | 80.4                 | 313.6                         | 275,900                                                              | 506,500*               |                                                                      |                        |                                                                      |                        | 75                           |
| 80                           | 79.5                 | 312.4                         | 246,100                                                              | 468,900*               | 430,000                                                              | 542,200*               |                                                                      |                        | 80                           |
| 85                           | 78.5                 | 311.1                         | 220,100                                                              | 435,600*               | 392,000                                                              | 542,200*               |                                                                      |                        | 85                           |
| 90                           | 77.6                 | 309.8                         | 197,400                                                              | 406,000*               | 358,500                                                              | 508,700*               | 455,400                                                              | 542,200*               | 90                           |
| 95                           | 76.6                 | 308.3                         | 177,200                                                              | 379,200*               | 329,000                                                              | 476,800*               | 420,200                                                              | 535,200*               | 95                           |
| 100                          | 75.6                 | 306.7                         | 159,300                                                              | 354,200*               | 302,600                                                              | 448,000*               | 388,800                                                              | 503,600*               | 100                          |
| 105                          | 74.7                 | 305.1                         | 143,100                                                              | 331,500*               | 279,000                                                              | 421,800*               | 360,600                                                              | 474,800*               | 105                          |
| 110                          | 73.7                 | 303.3                         | 128,600                                                              | 311,000*               | 257,600                                                              | 398,000*               | 335,200                                                              | 448,700*               | 110                          |
| 115                          | 72.7                 | 301.5                         | 115,400                                                              | 292,300*               | 238,300                                                              | 376,200*               | 312,200                                                              | 424,700*               | 115                          |
| 120                          | 71.7                 | 299.5                         | 103,400                                                              | 275,100*               | 220,700                                                              | 356,200*               | 291,200                                                              | 402,700*               | 120                          |
| 125                          | 70.7                 | 297.5                         | 92,300                                                               | 259,300*               | 204,600                                                              | 337,800*               | 272,000                                                              | 382,400*               | 125                          |
| 130                          | 69.7                 | 295.3                         | 82,200                                                               | 244,800*               | 189,800                                                              | 320,700*               | 254,400                                                              | 363,700*               | 130                          |
| 135                          | 68.7                 | 293.1                         | 72,900                                                               | 231,300*               | 176,100                                                              | 304,900*               | 238,100                                                              | 346,300*               | 135                          |
| 140                          | 67.7                 | 290.7                         | 64,300                                                               | 218,800*               | 163,500                                                              | 290,100*               | 223,100                                                              | 330,100*               | 140                          |
| 145                          | 66.7                 | 288.3                         | 56,300                                                               | 207,200*               | 151,800                                                              | 276,400*               | 209,200                                                              | 315,000*               | 145                          |
| 150                          | 65.6                 | 285.7                         | 48,800                                                               | 196,300*               | 140,900                                                              | 263,600*               | 196,200                                                              | 300,900*               | 150                          |
| 155                          | 64.6                 | 283.0                         | 41,800                                                               | 186,200*               | 130,700                                                              | 251,500*               | 184,200                                                              | 287,700*               | 155                          |
| 160                          | 63.5                 | 280.1                         | 35,300                                                               | 176,600*               | 121,200                                                              | 240,200*               | 172,900                                                              | 275,300*               | 160                          |
| 165                          | 62.4                 | 277.2                         | 29,200                                                               | 167,700*               | 112,300                                                              | 229,600*               | 162,300                                                              | 263,600*               | 165                          |
| 170                          | 61.4                 | 274.1                         | 23,500                                                               | 159,300*               | 103,900                                                              | 219,600*               | 152,300                                                              | 252,600*               | 170                          |
| 175                          | 60.3                 | 270.9                         | 18,000                                                               | 151,300*               | 96,100                                                               | 210,000*               | 143,000                                                              | 242,200*               | 175                          |
| 180                          | 59.1                 | 267.6                         | 12,900                                                               | 143,800*               | 88,600                                                               | 200,900*               | 134,100                                                              | 232,400*               | 180                          |
| 185                          | 58.0                 | 264.1                         | 8,100                                                                | 136,700*               | 81,600                                                               | 192,200*               | 125,800                                                              | 223,000*               | 185                          |
| 190                          | 56.9                 | 260.4                         | 3,500                                                                | 130,000*               | 75,000                                                               | 184,000*               | 117,900                                                              | 214,200*               | 190                          |
| 195                          | 55.7                 | 256.7                         |                                                                      | 123,400*               | 68,600                                                               | 176,200*               | 110,400                                                              | 205,800*               | 195                          |
| 200                          | 54.5                 | 252.7                         |                                                                      | 116,100*               | 62,700                                                               | 168,800*               | 103,300                                                              | 197,800*               | 200                          |
| 210                          | 52.1                 | 244.3                         |                                                                      | 102,500*               | 51,500                                                               | 155,000*               | 90,100                                                               | 182,900*               | 210                          |
| 220                          | 49.6                 | 235.1                         |                                                                      | 90,100*                | 41,400                                                               | 142,400*               | 78,100                                                               | 169,300*               | 220                          |
| 230                          | 47.0                 | 225.0                         |                                                                      | 78,800*                | 32,100                                                               | 130,900*               | 67,100                                                               | 156,900*               | 230                          |
| 240                          | 44.2                 | 214.0                         |                                                                      | 68,300*                | 23,500                                                               | 120,300*               | 57,000                                                               | 145,400*               | 240                          |
| 250                          | 41.3                 | 201.7                         |                                                                      | 58,600*                | 15,600                                                               | 110,600*               | 47,600                                                               | 134,800*               | 250                          |
| 260                          | 38.2                 | 188.1                         |                                                                      | 49,600*                | 8,200                                                                | 100,500*               | 38,900                                                               | 122,000*               | 260                          |
| 270                          | 34.8                 | 172.7                         |                                                                      | 41,200*                | 1,300                                                                | 90,000*                | 30,800                                                               | 108,100*               | 270                          |
| 280                          | 31.1                 | 155.0                         |                                                                      | 33,300*                |                                                                      | 80,200*                | 23,000                                                               | 94,900*                | 280                          |
| 290                          | 26.8                 | 134.0                         |                                                                      | 25,700*                |                                                                      | 68,500*                | 15,700                                                               | 82,100*                | 290                          |

# Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
492,000 Lb. Crane Counterweight  
320,000 Lb. Carbody Counterweight  
0 Lb. thru 599,800 Lb. Hanging Counterweight  
at 59 Ft. Position  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements

**18000 With  
21000 MAX-ER**



## 260 Ft. Boom 70 Ft. Fixed Jib, 5 Degree Offset

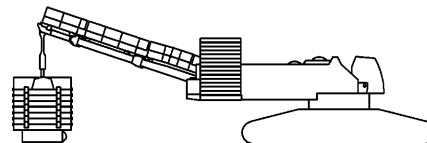
| Jib<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Feet | 247,800 Lb.<br>Hanging Counterweight                                 |                        | 467,800 Lb.<br>Hanging Counterweight                                 |                        | 599,800 Lb.<br>Hanging Counterweight                                 |                        | Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------|----------------------|-------------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|------------------------------|
|                              |                      |                               | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds |                              |
| 70                           | 81.6                 | 335.5                         | 306,400                                                              | 464,200*               |                                                                      |                        |                                                                      |                        | 70                           |
| 75                           | 80.7                 | 334.4                         | 271,500                                                              | 464,200*               |                                                                      |                        |                                                                      |                        | 75                           |
| 80                           | 79.8                 | 333.3                         | 241,400                                                              | 463,300*               |                                                                      |                        |                                                                      |                        | 80                           |
| 85                           | 78.9                 | 332.1                         | 215,300                                                              | 430,100*               | 388,100                                                              | 464,200*               |                                                                      |                        | 85                           |
| 90                           | 78.1                 | 330.8                         | 192,400                                                              | 400,500*               | 354,500                                                              | 464,200*               |                                                                      |                        | 90                           |
| 95                           | 77.2                 | 329.4                         | 172,100                                                              | 373,900*               | 324,700                                                              | 464,200*               |                                                                      |                        | 95                           |
| 100                          | 76.3                 | 328.0                         | 154,000                                                              | 348,900*               | 298,100                                                              | 442,500*               | 384,800                                                              | 464,200*               | 100                          |
| 105                          | 75.3                 | 326.4                         | 137,800                                                              | 326,300*               | 274,300                                                              | 416,400*               | 356,400                                                              | 464,200*               | 105                          |
| 110                          | 74.4                 | 324.8                         | 123,200                                                              | 305,800*               | 252,900                                                              | 392,700*               | 330,800                                                              | 443,300*               | 110                          |
| 115                          | 73.5                 | 323.1                         | 109,900                                                              | 287,100*               | 233,400                                                              | 370,900*               | 307,700                                                              | 419,400*               | 115                          |
| 120                          | 72.6                 | 321.3                         | 97,800                                                               | 270,000*               | 215,700                                                              | 350,900*               | 286,600                                                              | 397,400*               | 120                          |
| 125                          | 71.7                 | 319.4                         | 86,700                                                               | 254,200*               | 199,500                                                              | 332,500*               | 267,300                                                              | 377,100*               | 125                          |
| 130                          | 70.7                 | 317.4                         | 76,600                                                               | 239,700*               | 184,600                                                              | 315,400*               | 249,500                                                              | 358,400*               | 130                          |
| 135                          | 69.8                 | 315.3                         | 67,200                                                               | 226,200*               | 170,900                                                              | 299,600*               | 233,200                                                              | 341,000*               | 135                          |
| 140                          | 68.8                 | 313.1                         | 58,500                                                               | 213,700*               | 158,200                                                              | 284,900*               | 218,100                                                              | 324,900*               | 140                          |
| 145                          | 67.9                 | 310.8                         | 50,500                                                               | 202,100*               | 146,500                                                              | 271,200*               | 204,100                                                              | 309,800*               | 145                          |
| 150                          | 66.9                 | 308.4                         | 43,000                                                               | 191,300*               | 135,500                                                              | 258,400*               | 191,100                                                              | 295,700*               | 150                          |
| 155                          | 66.0                 | 305.9                         | 36,000                                                               | 181,200*               | 125,300                                                              | 246,400*               | 179,000                                                              | 282,500*               | 155                          |
| 160                          | 65.0                 | 303.3                         | 29,500                                                               | 171,600*               | 115,800                                                              | 235,100*               | 167,600                                                              | 270,100*               | 160                          |
| 165                          | 64.0                 | 300.6                         | 23,400                                                               | 162,700*               | 106,800                                                              | 224,500*               | 157,000                                                              | 258,500*               | 165                          |
| 170                          | 63.0                 | 297.8                         | 17,600                                                               | 154,300*               | 98,500                                                               | 214,500*               | 147,000                                                              | 247,500*               | 170                          |
| 175                          | 62.0                 | 294.8                         | 12,200                                                               | 146,400*               | 90,600                                                               | 205,100*               | 137,700                                                              | 237,100*               | 175                          |
| 180                          | 61.0                 | 291.8                         | 7,100                                                                | 138,900*               | 83,100                                                               | 195,900*               | 128,800                                                              | 227,300*               | 180                          |
| 185                          | 60.0                 | 288.6                         | 2,300                                                                | 131,800*               | 76,100                                                               | 187,300*               | 120,400                                                              | 218,000*               | 185                          |
| 190                          | 58.9                 | 285.3                         |                                                                      | 125,100*               | 69,400                                                               | 179,100*               | 112,500                                                              | 209,200*               | 190                          |
| 195                          | 57.9                 | 281.8                         |                                                                      | 117,700*               | 63,100                                                               | 171,300*               | 105,000                                                              | 200,800*               | 195                          |
| 200                          | 56.8                 | 278.3                         |                                                                      | 110,400*               | 57,100                                                               | 163,900*               | 97,900                                                               | 192,800*               | 200                          |
| 210                          | 54.6                 | 270.7                         |                                                                      | 96,800*                | 46,000                                                               | 150,200*               | 84,700                                                               | 178,000*               | 210                          |
| 220                          | 52.4                 | 262.4                         |                                                                      | 84,500*                | 35,900                                                               | 137,700*               | 72,700                                                               | 164,500*               | 220                          |
| 230                          | 50.1                 | 253.5                         |                                                                      | 73,200*                | 26,600                                                               | 126,200*               | 61,800                                                               | 152,100*               | 230                          |
| 240                          | 47.6                 | 243.8                         |                                                                      | 62,800*                | 18,100                                                               | 115,700*               | 51,700                                                               | 140,700*               | 240                          |
| 250                          | 45.1                 | 233.3                         |                                                                      | 53,200*                | 10,300                                                               | 106,000*               | 42,400                                                               | 130,100*               | 250                          |
| 260                          | 42.5                 | 221.7                         |                                                                      | 44,300*                | 3,000                                                                | 95,300*                | 33,800                                                               | 120,300*               | 260                          |
| 270                          | 39.7                 | 208.9                         |                                                                      | 36,000*                |                                                                      | 85,000*                | 25,800                                                               | 109,400*               | 270                          |
| 280                          | 36.7                 | 194.8                         |                                                                      | 28,200*                |                                                                      | 75,400*                | 18,200                                                               | 96,500*                | 280                          |
| 290                          | 33.4                 | 178.8                         |                                                                      | 20,900*                |                                                                      | 66,400*                | 11,100                                                               | 84,300*                | 290                          |
| 300                          | 29.8                 | 160.5                         |                                                                      |                        |                                                                      | 57,800*                | 4,400                                                                | 72,600*                | 300                          |
| 310                          | 25.6                 | 138.8                         |                                                                      |                        |                                                                      | 48,300*                |                                                                      | 61,200*                | 310                          |

# Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
 492,000 Lb. Crane Counterweight  
 320,000 Lb. Carbody Counterweight  
 0 Lb. thru 599,800 Lb. Hanging Counterweight  
 at 59 Ft. Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

## 18000 With 21000 MAX-ER



### 280 Ft. Boom 70 Ft. Fixed Jib, 5 Degree Offset

| Jib<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Feet | 467,800 Lb.<br>Hanging Counterweight                                 |                        | 599,800 Lb.<br>Hanging Counterweight                                 |                        |
|------------------------------|----------------------|-------------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|
|                              |                      |                               | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds |
| 90                           | 78.8                 | 351.3                         | 354,500                                                              | 435,100*               |                                                                      |                        |
| 95                           | 78.0                 | 350.1                         | 324,400                                                              | 435,100*               |                                                                      |                        |
| 100                          | 77.1                 | 348.7                         | 297,500                                                              | 435,100*               |                                                                      |                        |
| 105                          | 76.3                 | 347.2                         | 273,400                                                              | 413,800*               | 355,900                                                              | 435,100*               |
| 110                          | 75.4                 | 345.7                         | 251,700                                                              | 389,900*               | 330,100                                                              | 434,000*               |
| 115                          | 74.6                 | 344.1                         | 232,000                                                              | 368,100*               | 306,600                                                              | 416,600*               |
| 120                          | 73.7                 | 342.4                         | 214,100                                                              | 348,100*               | 285,300                                                              | 394,600*               |
| 125                          | 72.8                 | 340.6                         | 197,700                                                              | 329,700*               | 265,800                                                              | 374,300*               |
| 130                          | 72.0                 | 338.8                         | 182,700                                                              | 312,600*               | 247,900                                                              | 355,600*               |
| 135                          | 71.1                 | 336.8                         | 168,800                                                              | 296,800*               | 231,500                                                              | 338,200*               |
| 140                          | 70.2                 | 334.8                         | 156,000                                                              | 282,000*               | 216,200                                                              | 322,000*               |
| 145                          | 69.3                 | 332.6                         | 144,200                                                              | 268,300*               | 202,100                                                              | 306,900*               |
| 150                          | 68.4                 | 330.4                         | 133,100                                                              | 255,500*               | 189,000                                                              | 292,800*               |
| 155                          | 67.5                 | 328.1                         | 122,800                                                              | 243,400*               | 176,700                                                              | 279,600*               |
| 160                          | 66.6                 | 325.7                         | 113,200                                                              | 232,200*               | 165,300                                                              | 267,200*               |
| 165                          | 65.7                 | 323.1                         | 104,200                                                              | 221,500*               | 154,600                                                              | 255,500*               |
| 170                          | 64.8                 | 320.5                         | 95,700                                                               | 211,500*               | 144,500                                                              | 244,500*               |
| 175                          | 63.8                 | 317.8                         | 87,800                                                               | 202,100*               | 135,100                                                              | 234,100*               |
| 180                          | 62.9                 | 315.0                         | 80,300                                                               | 193,000*               | 126,100                                                              | 224,300*               |
| 185                          | 62.0                 | 312.0                         | 73,200                                                               | 184,400*               | 117,700                                                              | 215,000*               |
| 190                          | 61.0                 | 309.0                         | 66,500                                                               | 176,200*               | 109,800                                                              | 206,200*               |
| 195                          | 60.0                 | 305.8                         | 60,100                                                               | 168,400*               | 102,200                                                              | 197,800*               |
| 200                          | 59.1                 | 302.5                         | 54,100                                                               | 161,000*               | 95,100                                                               | 189,800*               |
| 210                          | 57.1                 | 295.6                         | 42,900                                                               | 147,200*               | 81,800                                                               | 175,000*               |
| 220                          | 55.0                 | 288.1                         | 32,700                                                               | 134,700*               | 69,700                                                               | 161,400*               |
| 230                          | 52.9                 | 280.0                         | 23,400                                                               | 123,200*               | 58,700                                                               | 149,000*               |
| 240                          | 50.8                 | 271.3                         | 14,900                                                               | 112,700*               | 48,600                                                               | 137,600*               |
| 250                          | 48.5                 | 261.9                         | 7,000                                                                | 103,000*               | 39,300                                                               | 127,100*               |
| 260                          | 46.2                 | 251.7                         |                                                                      | 92,200*                | 30,700                                                               | 117,300*               |
| 270                          | 43.7                 | 240.7                         |                                                                      | 81,900*                | 22,700                                                               | 108,300*               |
| 280                          | 41.2                 | 228.6                         |                                                                      | 72,300*                | 15,200                                                               | 99,200*                |
| 290                          | 38.4                 | 215.3                         |                                                                      | 63,400*                | 8,200                                                                | 87,100*                |
| 300                          | 35.5                 | 200.5                         |                                                                      | 54,900*                | 1,600                                                                | 75,700*                |
| 310                          | 32.4                 | 183.9                         |                                                                      | 46,900*                |                                                                      | 64,800*                |
| 320                          | 28.9                 | 164.9                         |                                                                      | 39,300*                |                                                                      | 54,300*                |
| 330                          | 24.8                 | 142.4                         |                                                                      | 31,800*                |                                                                      | 43,900*                |

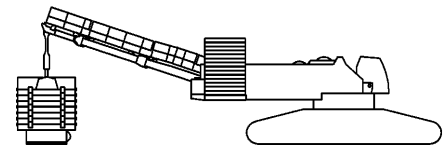


# Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
 492,000 Lb. Crane Counterweight  
 320,000 Lb. Carbody Counterweight  
 0 Lb. thru 599,800 Lb. Hanging Counterweight  
 at 59 Ft. Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

**18000 With  
 21000 MAX-ER**



## 300 Ft. Boom 70 Ft. Fixed Jib, 5 Degree Offset

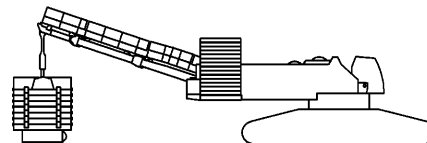
| Jib<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Feet | 467,800 Lb.<br>Hanging Counterweight                                 |                        | 599,800 Lb.<br>Hanging Counterweight                                 |                        |
|------------------------------|----------------------|-------------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|
|                              |                      |                               | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds |
| 100                          | 77.9                 | 369.3                         | 295,400                                                              | 379,100*               |                                                                      |                        |
| 105                          | 77.1                 | 368.0                         | 271,000                                                              | 379,100*               |                                                                      |                        |
| 110                          | 76.3                 | 366.5                         | 249,000                                                              | 376,400*               |                                                                      |                        |
| 115                          | 75.5                 | 365.0                         | 229,100                                                              | 364,200*               | 304,100                                                              | 375,100*               |
| 120                          | 74.7                 | 363.4                         | 211,000                                                              | 344,100*               | 282,500                                                              | 374,800*               |
| 125                          | 73.9                 | 361.7                         | 194,400                                                              | 325,600*               | 262,800                                                              | 370,300*               |
| 130                          | 73.0                 | 360.0                         | 179,200                                                              | 308,500*               | 244,700                                                              | 351,500*               |
| 135                          | 72.2                 | 358.2                         | 165,200                                                              | 292,700*               | 228,100                                                              | 334,100*               |
| 140                          | 71.4                 | 356.2                         | 152,300                                                              | 277,900*               | 212,700                                                              | 317,900*               |
| 145                          | 70.6                 | 354.2                         | 140,300                                                              | 264,200*               | 198,400                                                              | 302,800*               |
| 150                          | 69.7                 | 352.2                         | 129,100                                                              | 251,300*               | 185,200                                                              | 288,600*               |
| 155                          | 68.9                 | 350.0                         | 118,700                                                              | 239,200*               | 172,800                                                              | 275,400*               |
| 160                          | 68.0                 | 347.7                         | 109,000                                                              | 227,900*               | 161,300                                                              | 263,000*               |
| 165                          | 67.2                 | 345.4                         | 99,900                                                               | 217,300*               | 150,500                                                              | 251,300*               |
| 170                          | 66.3                 | 342.9                         | 91,400                                                               | 207,300*               | 140,300                                                              | 240,300*               |
| 175                          | 65.4                 | 340.4                         | 83,300                                                               | 197,800*               | 130,800                                                              | 229,800*               |
| 180                          | 64.6                 | 337.8                         | 75,800                                                               | 188,800*               | 121,800                                                              | 220,000*               |
| 185                          | 63.7                 | 335.0                         | 68,600                                                               | 180,200*               | 113,300                                                              | 210,700*               |
| 190                          | 62.8                 | 332.2                         | 61,800                                                               | 172,000*               | 105,300                                                              | 201,900*               |
| 195                          | 61.9                 | 329.3                         | 55,400                                                               | 164,200*               | 97,700                                                               | 193,500*               |
| 200                          | 61.0                 | 326.2                         | 49,400                                                               | 156,700*               | 90,500                                                               | 185,500*               |
| 210                          | 59.2                 | 319.8                         | 38,100                                                               | 143,000*               | 77,100                                                               | 170,600*               |
| 220                          | 57.3                 | 312.9                         | 27,800                                                               | 130,400*               | 65,000                                                               | 157,100*               |
| 230                          | 55.4                 | 305.5                         | 18,500                                                               | 119,000*               | 53,900                                                               | 144,600*               |
| 240                          | 53.4                 | 297.6                         | 9,900                                                                | 108,400*               | 43,800                                                               | 133,200*               |
| 250                          | 51.3                 | 289.1                         | 2,000                                                                | 98,100*                | 34,400                                                               | 122,700*               |
| 260                          | 49.3                 | 279.9                         |                                                                      | 87,200*                | 25,800                                                               | 113,000*               |
| 270                          | 47.1                 | 270.1                         |                                                                      | 76,900*                | 17,700                                                               | 103,900*               |
| 280                          | 44.8                 | 259.4                         |                                                                      | 67,300*                | 10,300                                                               | 95,400*                |
| 290                          | 42.5                 | 247.9                         |                                                                      | 58,400*                | 3,300                                                                | 85,800*                |
| 300                          | 40.0                 | 235.3                         |                                                                      | 50,000*                |                                                                      | 75,900*                |
| 310                          | 37.3                 | 221.4                         |                                                                      | 42,100*                |                                                                      | 65,100*                |
| 320                          | 34.5                 | 206.1                         |                                                                      | 34,600*                |                                                                      | 54,900*                |
| 330                          | 31.4                 | 188.9                         |                                                                      | 27,500*                |                                                                      | 45,100*                |
| 340                          | 28.0                 | 169.3                         |                                                                      | 20,700*                |                                                                      | 35,500*                |
| 350                          | 24.1                 | 146.0                         |                                                                      |                        |                                                                      | 26,100*                |

# Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
 492,000 Lb. Crane Counterweight  
 320,000 Lb. Carbody Counterweight  
 0 Lb. thru 599,800 Lb. Hanging Counterweight  
 at 59 Ft. Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

## 18000 With 21000 MAX-ER



### 320 Ft. Boom 70 Ft. Fixed Jib, 5 Degree Offset

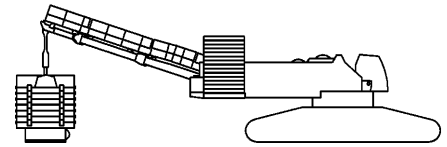
| Jib<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Feet | 467,800 Lb.<br>Hanging Counterweight                                 |                        | 599,800 Lb.<br>Hanging Counterweight                                 |                        |
|------------------------------|----------------------|-------------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|
|                              |                      |                               | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds |
| 105                          | 77.8                 | 388.6                         | 272,600                                                              | 324,800*               |                                                                      |                        |
| 110                          | 77.1                 | 387.2                         | 250,400                                                              | 324,000*               |                                                                      |                        |
| 115                          | 76.3                 | 385.8                         | 230,300                                                              | 323,500*               |                                                                      |                        |
| 120                          | 75.6                 | 384.3                         | 212,000                                                              | 323,000*               |                                                                      |                        |
| 125                          | 74.8                 | 382.7                         | 195,300                                                              | 321,800*               | 264,000                                                              | 321,800*               |
| 130                          | 74.0                 | 381.0                         | 180,000                                                              | 307,900*               | 245,800                                                              | 320,100*               |
| 135                          | 73.2                 | 379.3                         | 165,900                                                              | 292,000*               | 229,000                                                              | 318,900*               |
| 140                          | 72.5                 | 377.5                         | 152,800                                                              | 277,200*               | 213,500                                                              | 317,200*               |
| 145                          | 71.7                 | 375.6                         | 140,700                                                              | 263,500*               | 199,100                                                              | 302,100*               |
| 150                          | 70.9                 | 373.7                         | 129,500                                                              | 250,600*               | 185,800                                                              | 287,900*               |
| 155                          | 70.1                 | 371.6                         | 119,000                                                              | 238,500*               | 173,400                                                              | 274,700*               |
| 160                          | 69.3                 | 369.5                         | 109,200                                                              | 227,200*               | 161,700                                                              | 262,200*               |
| 165                          | 68.5                 | 367.3                         | 100,100                                                              | 216,600*               | 150,900                                                              | 250,500*               |
| 170                          | 67.7                 | 365.0                         | 91,500                                                               | 206,500*               | 140,600                                                              | 239,500*               |
| 175                          | 66.9                 | 362.6                         | 83,400                                                               | 197,100*               | 131,000                                                              | 229,100*               |
| 180                          | 66.1                 | 360.2                         | 75,800                                                               | 188,100*               | 122,000                                                              | 219,300*               |
| 185                          | 65.2                 | 357.6                         | 68,600                                                               | 179,500*               | 113,500                                                              | 210,000*               |
| 190                          | 64.4                 | 355.0                         | 61,800                                                               | 171,300*               | 105,400                                                              | 201,100*               |
| 195                          | 63.6                 | 352.2                         | 55,300                                                               | 163,500*               | 97,800                                                               | 192,700*               |
| 200                          | 62.7                 | 349.4                         | 49,200                                                               | 156,100*               | 90,500                                                               | 184,700*               |
| 210                          | 61.0                 | 343.4                         | 37,900                                                               | 142,300*               | 77,100                                                               | 169,900*               |
| 220                          | 59.3                 | 337.0                         | 27,600                                                               | 129,700*               | 64,900                                                               | 156,300*               |
| 230                          | 57.5                 | 330.2                         | 18,200                                                               | 118,300*               | 53,800                                                               | 143,900*               |
| 240                          | 55.7                 | 322.9                         | 9,600                                                                | 107,800*               | 43,600                                                               | 132,500*               |
| 250                          | 53.8                 | 315.1                         | 1,700                                                                | 97,100*                | 34,200                                                               | 122,000*               |
| 260                          | 51.9                 | 306.8                         |                                                                      | 86,600*                | 25,600                                                               | 112,200*               |
| 270                          | 49.9                 | 297.8                         |                                                                      | 76,600*                | 17,600                                                               | 103,200*               |
| 280                          | 47.9                 | 288.2                         |                                                                      | 67,100*                | 10,100                                                               | 94,600*                |
| 290                          | 45.8                 | 277.9                         |                                                                      | 58,200*                | 3,100                                                                | 85,200*                |
| 300                          | 43.6                 | 266.8                         |                                                                      | 49,800*                |                                                                      | 76,400*                |
| 310                          | 41.3                 | 254.8                         |                                                                      | 42,000*                |                                                                      | 67,600*                |
| 320                          | 38.9                 | 241.7                         |                                                                      | 34,600*                |                                                                      | 59,400*                |
| 330                          | 36.3                 | 227.4                         |                                                                      | 27,600*                |                                                                      | 49,800*                |
| 340                          | 33.6                 | 211.5                         |                                                                      | 20,900*                |                                                                      | 40,600*                |
| 350                          | 30.6                 | 193.7                         |                                                                      |                        |                                                                      | 31,700*                |
| 360                          | 27.2                 | 173.4                         |                                                                      |                        |                                                                      | 23,000*                |

# Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
 492,000 Lb. Crane Counterweight  
 320,000 Lb. Carbody Counterweight  
 0 Lb. thru 599,800 Lb. Hanging Counterweight  
 at 59 Ft. Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

**18000 With  
 21000 MAX-ER**



## 340 Ft. Boom

## 70 Ft. Fixed Jib, 5 Degree Offset

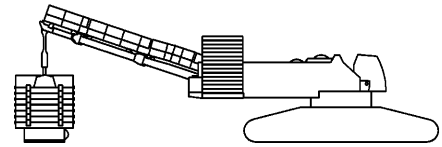
| Jib<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Feet | 599,800 Lb.<br>Hanging Counterweight                                 |                        |
|------------------------------|----------------------|-------------------------------|----------------------------------------------------------------------|------------------------|
|                              |                      |                               | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds |
| 135                          | 74.1                 | 400.4                         | 225,600                                                              | 281,800*               |
| 140                          | 73.4                 | 398.7                         | 209,900                                                              | 281,000*               |
| 145                          | 72.6                 | 396.9                         | 195,400                                                              | 280,000*               |
| 150                          | 71.9                 | 395.1                         | 181,900                                                              | 278,700*               |
| 155                          | 71.1                 | 393.1                         | 169,400                                                              | 270,500*               |
| 160                          | 70.4                 | 391.1                         | 157,700                                                              | 258,000*               |
| 165                          | 69.6                 | 389.0                         | 146,700                                                              | 246,300*               |
| 170                          | 68.9                 | 386.9                         | 136,400                                                              | 235,300*               |
| 175                          | 68.1                 | 384.7                         | 126,700                                                              | 224,900*               |
| 180                          | 67.3                 | 382.3                         | 117,600                                                              | 215,000*               |
| 185                          | 66.6                 | 379.9                         | 109,000                                                              | 205,700*               |
| 190                          | 65.8                 | 377.5                         | 100,900                                                              | 196,800*               |
| 195                          | 65.0                 | 374.9                         | 93,200                                                               | 188,400*               |
| 200                          | 64.2                 | 372.2                         | 85,900                                                               | 180,400*               |
| 210                          | 62.6                 | 366.6                         | 72,400                                                               | 165,500*               |
| 220                          | 61.0                 | 360.7                         | 60,100                                                               | 152,000*               |
| 230                          | 59.3                 | 354.3                         | 48,900                                                               | 139,600*               |
| 240                          | 57.6                 | 347.5                         | 38,700                                                               | 128,100*               |
| 250                          | 55.9                 | 340.3                         | 29,300                                                               | 117,600*               |
| 260                          | 54.2                 | 332.6                         | 20,600                                                               | 107,900*               |
| 270                          | 52.4                 | 324.4                         | 12,500                                                               | 98,800*                |
| 280                          | 50.5                 | 315.7                         | 5,000                                                                | 88,800*                |
| 290                          | 48.6                 | 306.4                         |                                                                      | 79,400*                |
| 300                          | 46.6                 | 296.4                         |                                                                      | 70,600*                |
| 310                          | 44.6                 | 285.6                         |                                                                      | 62,300*                |
| 320                          | 42.4                 | 274.1                         |                                                                      | 54,400*                |
| 330                          | 40.2                 | 261.6                         |                                                                      | 46,600*                |
| 340                          | 37.8                 | 248.0                         |                                                                      | 39,200*                |
| 350                          | 35.3                 | 233.2                         |                                                                      | 31,000*                |
| 360                          | 32.7                 | 216.8                         |                                                                      | 22,700*                |

# Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
 492,000 Lb. Crane Counterweight  
 320,000 Lb. Carbody Counterweight  
 0 Lb. thru 599,800 Lb. Hanging Counterweight  
 at 59 Ft. Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

**18000 With  
 21000 MAX-ER**



## 140 Ft. Boom

### 70 Ft. Fixed Jib, 20 Degree Offset

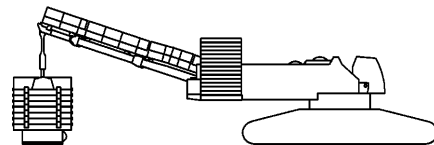
| Jib<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Feet | 0 Lb.<br>Hanging<br>Counterweight | 247,800 Lb.<br>Hanging Counterweight                                 |                        | 467,800 Lb.<br>Hanging Counterweight                                 |                        | 599,800 Lb.<br>Hanging Counterweight                                 |                        | Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------|----------------------|-------------------------------|-----------------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|------------------------------|
|                              |                      |                               | Jib Capacity<br>Pounds            | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds |                              |
| 65                           | 81.9                 | 210.2                         | 456,800*                          | 363,100                                                              | 602,500*               |                                                                      |                        |                                                                      |                        | 65                           |
| 70                           | 80.5                 | 208.7                         | 416,600*                          | 324,700                                                              | 575,700*               |                                                                      |                        |                                                                      |                        | 70                           |
| 75                           | 79.0                 | 206.9                         | 381,900*                          | 291,900                                                              | 532,500*               |                                                                      |                        |                                                                      |                        | 75                           |
| 80                           | 77.5                 | 205.1                         | 351,600*                          | 263,500                                                              | 494,600*               | 440,000                                                              | 533,600*               |                                                                      |                        | 80                           |
| 85                           | 76.1                 | 203.1                         | 325,000*                          | 238,800                                                              | 461,000*               | 403,900                                                              | 514,100*               |                                                                      |                        | 85                           |
| 90                           | 74.5                 | 200.9                         | 301,300*                          | 217,000                                                              | 431,100*               | 372,000                                                              | 496,000*               |                                                                      |                        | 90                           |
| 95                           | 73.0                 | 198.6                         | 280,200*                          | 197,600                                                              | 403,200*               | 343,800                                                              | 479,200*               |                                                                      |                        | 95                           |
| 100                          | 71.5                 | 196.1                         | 261,200*                          | 180,200                                                              | 377,900*               | 318,500                                                              | 463,500*               |                                                                      |                        | 100                          |
| 105                          | 69.9                 | 193.4                         | 244,000*                          | 164,700                                                              | 355,100*               | 295,800                                                              | 446,100*               | 374,600                                                              | 448,900*               | 105                          |
| 110                          | 68.3                 | 190.6                         | 226,500                           | 150,500                                                              | 334,300*               | 275,300                                                              | 422,100*               | 350,200                                                              | 435,200*               | 110                          |
| 115                          | 66.7                 | 187.6                         | 210,600                           | 137,700                                                              | 315,400*               | 256,600                                                              | 400,100*               | 328,000                                                              | 422,400*               | 115                          |
| 120                          | 65.1                 | 184.4                         | 196,100                           | 125,900                                                              | 298,000*               | 239,500                                                              | 379,800*               | 307,700                                                              | 410,400*               | 120                          |
| 125                          | 63.4                 | 180.9                         | 183,000                           | 115,100                                                              | 282,000*               | 223,800                                                              | 361,200*               | 289,100                                                              | 399,200*               | 125                          |
| 130                          | 61.7                 | 177.3                         | 171,000                           | 105,200                                                              | 267,300*               | 209,400                                                              | 343,900*               | 272,000                                                              | 386,800*               | 130                          |
| 135                          | 60.0                 | 173.4                         | 159,900                           | 95,900                                                               | 253,600*               | 196,000                                                              | 327,800*               | 256,100                                                              | 369,200*               | 135                          |
| 140                          | 58.2                 | 169.2                         | 149,700                           | 87,400                                                               | 240,900*               | 183,600                                                              | 312,900*               | 241,500                                                              | 352,800*               | 140                          |
| 145                          | 56.3                 | 164.8                         | 140,200                           | 79,400                                                               | 229,100*               | 172,100                                                              | 298,900*               | 227,800                                                              | 337,500*               | 145                          |
| 150                          | 54.4                 | 160.1                         | 131,400                           | 71,900                                                               | 218,000*               | 161,300                                                              | 285,800*               | 215,000                                                              | 323,200*               | 150                          |
| 155                          | 52.5                 | 155.1                         | 123,200                           | 64,900                                                               | 207,600*               | 151,200                                                              | 273,600*               | 203,000                                                              | 309,700*               | 155                          |
| 160                          | 50.4                 | 149.7                         | 115,300*                          | 58,200                                                               | 197,900*               | 141,600                                                              | 262,000*               | 191,800                                                              | 297,000*               | 160                          |
| 165                          | 48.3                 | 143.8                         | 107,400*                          | 52,000                                                               | 188,700*               | 132,700                                                              | 250,900*               | 181,200                                                              | 285,100*               | 165                          |
| 170                          | 46.1                 | 137.6                         | 99,800*                           | 46,000                                                               | 180,000*               | 124,200                                                              | 240,400*               | 171,200                                                              | 271,600*               | 170                          |
| 175                          | 43.8                 | 130.7                         | 92,600*                           | 40,400                                                               | 171,700*               | 116,100                                                              | 230,400*               | 161,700                                                              | 257,500*               | 175                          |
| 180                          | 41.3                 | 123.3                         | 85,800*                           | 35,000                                                               | 163,900*               | 108,500                                                              | 221,000*               | 152,600                                                              | 244,000*               | 180                          |
| 185                          | 38.6                 | 115.1                         | 79,200*                           | 29,800                                                               | 156,500*               | 101,100                                                              | 210,600*               | 144,000                                                              | 231,000*               | 185                          |
| 190                          | 35.8                 | 105.8                         | 72,900*                           | 24,700                                                               | 149,300*               | 94,000                                                               | 198,600*               | 135,700                                                              | 218,400*               | 190                          |

# Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
492,000 Lb. Crane Counterweight  
320,000 Lb. Carbody Counterweight  
0 Lb. thru 599,800 Lb. Hanging Counterweight  
at 59 Ft. Position  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements

**18000 With  
21000 MAX-ER**



## 160 Ft. Boom

### 70 Ft. Fixed Jib, 20 Degree Offset

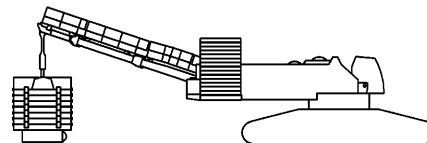
| Jib<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Feet | 0 Lb.<br>Hanging<br>Counterweight | 247,800 Lb.<br>Hanging Counterweight                                 |                        | 467,800 Lb.<br>Hanging Counterweight                                 |                        | 599,800 Lb.<br>Hanging Counterweight                                 |                        | Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------|----------------------|-------------------------------|-----------------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|------------------------------|
|                              |                      |                               | Jib Capacity<br>Pounds            | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds |                              |
| 70                           | 81.7                 | 228.9                         | 415,300*                          | 328,400                                                              | 573,900*               |                                                                      |                        |                                                                      |                        | 70                           |
| 75                           | 80.4                 | 227.3                         | 380,400*                          | 294,600                                                              | 530,600*               |                                                                      |                        |                                                                      |                        | 75                           |
| 80                           | 79.1                 | 225.6                         | 349,900*                          | 265,500                                                              | 492,500*               | 443,900                                                              | 547,800*               |                                                                      |                        | 80                           |
| 85                           | 77.7                 | 223.8                         | 323,000*                          | 240,000                                                              | 458,700*               | 406,900                                                              | 529,500*               |                                                                      |                        | 85                           |
| 90                           | 76.4                 | 221.9                         | 299,200*                          | 217,600                                                              | 428,600*               | 374,300                                                              | 512,400*               |                                                                      |                        | 90                           |
| 95                           | 75.0                 | 219.8                         | 277,900*                          | 197,700                                                              | 400,900*               | 345,300                                                              | 496,500*               |                                                                      |                        | 95                           |
| 100                          | 73.6                 | 217.5                         | 258,800*                          | 179,900                                                              | 375,500*               | 319,500                                                              | 469,800*               |                                                                      |                        | 100                          |
| 105                          | 72.2                 | 215.2                         | 241,500*                          | 164,000                                                              | 352,600*               | 296,300                                                              | 443,400*               | 375,900                                                              | 467,600*               | 105                          |
| 110                          | 70.8                 | 212.6                         | 224,700                           | 149,500                                                              | 331,700*               | 275,300                                                              | 419,200*               | 351,000                                                              | 454,500*               | 110                          |
| 115                          | 69.4                 | 209.9                         | 208,700                           | 136,300                                                              | 312,700*               | 256,300                                                              | 397,100*               | 328,300                                                              | 442,100*               | 115                          |
| 120                          | 67.9                 | 207.1                         | 194,100                           | 124,300                                                              | 295,200*               | 238,900                                                              | 376,800*               | 307,700                                                              | 423,300*               | 120                          |
| 125                          | 66.4                 | 204.1                         | 180,900                           | 113,300                                                              | 279,200*               | 222,900                                                              | 358,100*               | 288,800                                                              | 402,800*               | 125                          |
| 130                          | 64.9                 | 200.9                         | 168,700                           | 103,200                                                              | 264,400*               | 208,200                                                              | 340,700*               | 271,300                                                              | 383,700*               | 130                          |
| 135                          | 63.4                 | 197.5                         | 157,600                           | 93,800                                                               | 250,700*               | 194,600                                                              | 324,700*               | 255,300                                                              | 366,100*               | 135                          |
| 140                          | 61.9                 | 193.9                         | 147,300                           | 85,000                                                               | 237,900*               | 182,000                                                              | 309,700*               | 240,400                                                              | 349,600*               | 140                          |
| 145                          | 60.3                 | 190.1                         | 137,700                           | 76,900                                                               | 226,000*               | 170,300                                                              | 295,700*               | 226,500                                                              | 334,300*               | 145                          |
| 150                          | 58.7                 | 186.0                         | 128,900                           | 69,300                                                               | 214,900*               | 159,400                                                              | 282,600*               | 213,600                                                              | 319,900*               | 150                          |
| 155                          | 57.0                 | 181.8                         | 120,700                           | 62,200                                                               | 204,500*               | 149,200                                                              | 270,300*               | 201,500                                                              | 306,500*               | 155                          |
| 160                          | 55.3                 | 177.2                         | 112,600*                          | 55,500                                                               | 194,800*               | 139,600                                                              | 258,800*               | 190,100                                                              | 293,800*               | 160                          |
| 165                          | 53.5                 | 172.4                         | 104,600*                          | 49,200                                                               | 185,600*               | 130,600                                                              | 247,900*               | 179,500                                                              | 281,900*               | 165                          |
| 170                          | 51.7                 | 167.3                         | 97,100*                           | 43,300                                                               | 176,900*               | 122,100                                                              | 237,300*               | 169,400                                                              | 270,600*               | 170                          |
| 175                          | 49.9                 | 161.8                         | 89,900*                           | 37,700                                                               | 168,700*               | 114,000                                                              | 227,400*               | 159,900                                                              | 259,900*               | 175                          |
| 180                          | 47.9                 | 156.0                         | 83,100*                           | 32,300                                                               | 160,900*               | 106,400                                                              | 218,000*               | 150,900                                                              | 249,800*               | 180                          |
| 185                          | 45.9                 | 149.7                         | 76,600*                           | 27,200                                                               | 153,500*               | 99,100                                                               | 209,000*               | 142,300                                                              | 240,200*               | 185                          |
| 190                          | 43.8                 | 142.9                         | 70,400*                           | 22,300                                                               | 146,500*               | 92,200                                                               | 200,500*               | 134,200                                                              | 231,100*               | 190                          |
| 195                          | 41.5                 | 135.6                         | 64,500*                           | 17,600                                                               | 139,800*               | 85,500                                                               | 192,400*               | 126,400                                                              | 219,300*               | 195                          |
| 200                          | 39.2                 | 127.6                         | 58,800*                           | 13,000                                                               | 133,000*               | 79,200                                                               | 184,700*               | 118,900                                                              | 207,700*               | 200                          |

# Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
 492,000 Lb. Crane Counterweight  
 320,000 Lb. Carbody Counterweight  
 0 Lb. thru 599,800 Lb. Hanging Counterweight  
 at 59 Ft. Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

## 18000 With 21000 MAX-ER



**180 Ft. Boom**

**70 Ft. Fixed Jib, 20 Degree Offset**

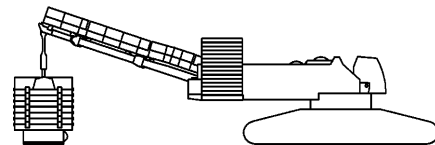
| Jib<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Feet | 0 Lb.<br>Hanging<br>Counterweight | 247,800 Lb.<br>Hanging Counterweight                                 |                        | 467,800 Lb.<br>Hanging Counterweight                                 |                        | 599,800 Lb.<br>Hanging Counterweight                                 |                        | Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------|----------------------|-------------------------------|-----------------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|------------------------------|
|                              |                      |                               | Jib Capacity<br>Pounds            | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds |                              |
| 75                           | 81.4                 | 247.6                         | 379,200*                          | 297,400                                                              | 529,100*               |                                                                      |                        |                                                                      |                        | 75                           |
| 80                           | 80.2                 | 246.1                         | 348,500*                          | 267,500                                                              | 490,800*               | 447,600                                                              | 546,200*               |                                                                      |                        | 80                           |
| 85                           | 79.0                 | 244.4                         | 321,500*                          | 241,400                                                              | 456,900*               | 409,800                                                              | 531,300*               |                                                                      |                        | 85                           |
| 90                           | 77.8                 | 242.7                         | 297,600*                          | 218,500                                                              | 426,700*               | 376,500                                                              | 517,200*               |                                                                      |                        | 90                           |
| 95                           | 76.5                 | 240.8                         | 276,200*                          | 198,100                                                              | 399,200*               | 347,100                                                              | 497,000*               |                                                                      |                        | 95                           |
| 100                          | 75.3                 | 238.7                         | 256,900*                          | 180,000                                                              | 373,600*               | 320,700                                                              | 467,700*               |                                                                      |                        | 100                          |
| 105                          | 74.0                 | 236.6                         | 239,500*                          | 163,700                                                              | 350,600*               | 297,100                                                              | 441,200*               | 377,300                                                              | 479,300*               | 105                          |
| 110                          | 72.7                 | 234.3                         | 223,300                           | 148,900                                                              | 329,600*               | 275,700                                                              | 417,000*               | 352,000                                                              | 467,600*               | 110                          |
| 115                          | 71.4                 | 231.9                         | 207,100                           | 135,500                                                              | 310,500*               | 256,400                                                              | 394,800*               | 329,000                                                              | 443,300*               | 115                          |
| 120                          | 70.1                 | 229.3                         | 192,500                           | 123,300                                                              | 293,000*               | 238,700                                                              | 374,400*               | 308,000                                                              | 420,900*               | 120                          |
| 125                          | 68.8                 | 226.6                         | 179,100                           | 112,100                                                              | 276,900*               | 222,400                                                              | 355,700*               | 288,800                                                              | 400,300*               | 125                          |
| 130                          | 67.5                 | 223.7                         | 166,900                           | 101,700                                                              | 262,100*               | 207,500                                                              | 338,300*               | 271,100                                                              | 381,300*               | 130                          |
| 135                          | 66.1                 | 220.7                         | 155,700                           | 92,200                                                               | 248,300*               | 193,800                                                              | 322,200*               | 254,800                                                              | 363,600*               | 135                          |
| 140                          | 64.7                 | 217.5                         | 145,300                           | 83,300                                                               | 235,500*               | 181,000                                                              | 307,100*               | 239,700                                                              | 347,100*               | 140                          |
| 145                          | 63.3                 | 214.2                         | 135,800                           | 75,100                                                               | 223,600*               | 169,200                                                              | 293,100*               | 225,700                                                              | 331,700*               | 145                          |
| 150                          | 61.9                 | 210.6                         | 126,900                           | 67,400                                                               | 212,500*               | 158,100                                                              | 280,000*               | 212,600                                                              | 317,300*               | 150                          |
| 155                          | 60.5                 | 206.9                         | 118,600                           | 60,200                                                               | 202,100*               | 147,800                                                              | 267,700*               | 200,400                                                              | 303,900*               | 155                          |
| 160                          | 59.0                 | 202.9                         | 110,500*                          | 53,500                                                               | 192,300*               | 138,100                                                              | 256,200*               | 189,000                                                              | 291,200*               | 160                          |
| 165                          | 57.5                 | 198.8                         | 102,500*                          | 47,100                                                               | 183,100*               | 129,000                                                              | 245,300*               | 178,200                                                              | 279,300*               | 165                          |
| 170                          | 55.9                 | 194.4                         | 94,900*                           | 41,100                                                               | 174,400*               | 120,400                                                              | 234,800*               | 168,100                                                              | 268,000*               | 170                          |
| 175                          | 54.3                 | 189.8                         | 87,700*                           | 35,500                                                               | 166,200*               | 112,300                                                              | 224,900*               | 158,500                                                              | 257,400*               | 175                          |
| 180                          | 52.7                 | 184.9                         | 80,900*                           | 30,100                                                               | 158,500*               | 104,700                                                              | 215,500*               | 149,500                                                              | 247,300*               | 180                          |
| 185                          | 51.0                 | 179.7                         | 74,400*                           | 25,000                                                               | 151,100*               | 97,400                                                               | 206,600*               | 141,000                                                              | 237,700*               | 185                          |
| 190                          | 49.3                 | 174.2                         | 68,300*                           | 20,100                                                               | 144,100*               | 90,500                                                               | 198,100*               | 132,800                                                              | 228,600*               | 190                          |
| 195                          | 47.5                 | 168.3                         | 62,400*                           | 15,500                                                               | 137,500*               | 83,900                                                               | 190,100*               | 125,100                                                              | 220,000*               | 195                          |
| 200                          | 45.6                 | 162.0                         | 56,800*                           | 11,000                                                               | 131,100*               | 77,600                                                               | 182,400*               | 117,700                                                              | 211,700*               | 200                          |
| 210                          | 41.7                 | 148.1                         | 46,200*                           | 2,700                                                                | 117,100*               | 65,800                                                               | 168,000*               | 103,800                                                              | 196,200*               | 210                          |

# Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
 492,000 Lb. Crane Counterweight  
 320,000 Lb. Carbody Counterweight  
 0 Lb. thru 599,800 Lb. Hanging Counterweight  
 at 59 Ft. Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

## 18000 With 21000 MAX-ER



### 200 Ft. Boom

### 70 Ft. Fixed Jib, 20 Degree Offset

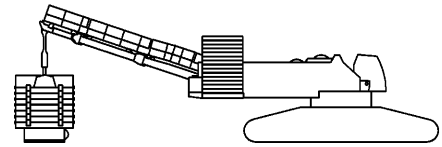
| Jib<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Feet | 0 Lb.<br>Hanging<br>Counterweight | 247,800 Lb.<br>Hanging Counterweight                                 |                        | 467,800 Lb.<br>Hanging Counterweight                                 |                        | 599,800 Lb.<br>Hanging Counterweight                                 |                        | Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------|----------------------|-------------------------------|-----------------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|------------------------------|
|                              |                      |                               | Jib Capacity<br>Pounds            | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds |                              |
| 75                           | 81.8                 | 268.7                         | 375,900*                          | 296,800                                                              | 525,400*               | 448,000                                                              | 560,600*               |                                                                      |                        | 75                           |
| 80                           | 80.7                 | 267.3                         | 345,100*                          | 266,300                                                              | 487,100*               | 409,600                                                              | 546,300*               |                                                                      |                        | 80                           |
| 85                           | 79.6                 | 265.8                         | 318,000*                          | 239,800                                                              | 453,100*               | 375,800                                                              | 525,600*               |                                                                      |                        | 85                           |
| 90                           | 78.5                 | 264.2                         | 294,000*                          | 216,500                                                              | 422,800*               | 345,900                                                              | 493,100*               |                                                                      |                        | 90                           |
| 95                           | 77.3                 | 262.5                         | 272,500*                          | 195,800                                                              | 395,500*               | 319,200                                                              | 463,800*               |                                                                      |                        | 95                           |
| 100                          | 76.2                 | 260.6                         | 253,200*                          | 177,400                                                              | 369,900*               | 295,200                                                              | 437,200*               | 376,000                                                              | 490,200*               | 100                          |
| 105                          | 75.0                 | 258.6                         | 235,800*                          | 160,800                                                              | 346,800*               | 273,600                                                              | 413,000*               | 350,300                                                              | 463,600*               | 105                          |
| 110                          | 73.9                 | 256.6                         | 219,900*                          | 145,900                                                              | 325,800*               | 253,900                                                              | 390,800*               | 327,000                                                              | 439,200*               | 110                          |
| 115                          | 72.7                 | 254.4                         | 204,100                           | 132,300                                                              | 306,700*               | 236,000                                                              | 370,400*               | 305,800                                                              | 416,900*               | 115                          |
| 120                          | 71.5                 | 252.0                         | 189,400                           | 119,900                                                              | 289,200*               | 219,600                                                              | 351,600*               | 286,400                                                              | 396,300*               | 120                          |
| 125                          | 70.3                 | 249.6                         | 175,900                           | 108,500                                                              | 273,000*               | 204,500                                                              | 334,200*               | 268,500                                                              | 377,200*               | 125                          |
| 130                          | 69.1                 | 247.0                         | 163,700                           | 98,100                                                               | 258,200*               | 190,600                                                              | 318,100*               | 252,100                                                              | 359,500*               | 130                          |
| 135                          | 67.9                 | 244.3                         | 152,400                           | 88,400                                                               | 244,400*               | 177,700                                                              | 303,000*               | 236,800                                                              | 343,000*               | 135                          |
| 140                          | 66.6                 | 241.4                         | 142,000                           | 79,500                                                               | 231,600*               | 165,800                                                              | 289,000*               | 222,700                                                              | 327,600*               | 140                          |
| 145                          | 65.4                 | 238.4                         | 132,400                           | 71,200                                                               | 219,700*               | 154,600                                                              | 275,900*               | 209,500                                                              | 313,200*               | 145                          |
| 150                          | 64.1                 | 235.2                         | 123,500                           | 63,400                                                               | 208,500*               | 144,200                                                              | 263,600*               | 197,200                                                              | 299,800*               | 150                          |
| 155                          | 62.8                 | 231.9                         | 114,900*                          | 56,200                                                               | 198,100*               | 134,500                                                              | 252,100*               | 185,600                                                              | 287,100*               | 155                          |
| 160                          | 61.5                 | 228.4                         | 106,300*                          | 49,400                                                               | 188,300*               | 125,300                                                              | 241,200*               | 174,800                                                              | 275,200*               | 160                          |
| 165                          | 60.2                 | 224.8                         | 98,200*                           | 43,000                                                               | 179,100*               | 116,700                                                              | 230,900*               | 164,700                                                              | 263,900*               | 165                          |
| 170                          | 58.8                 | 220.9                         | 90,600*                           | 37,000                                                               | 170,500*               | 108,600                                                              | 221,000*               | 155,100                                                              | 253,300*               | 170                          |
| 175                          | 57.5                 | 216.9                         | 83,400*                           | 31,300                                                               | 162,300*               | 100,900                                                              | 211,600*               | 146,000                                                              | 243,300*               | 175                          |
| 180                          | 56.1                 | 212.7                         | 76,600*                           | 25,900                                                               | 154,600*               | 93,700                                                               | 202,700*               | 137,400                                                              | 233,700*               | 180                          |
| 185                          | 54.6                 | 208.2                         | 70,200*                           | 20,800                                                               | 147,200*               | 86,800                                                               | 194,300*               | 129,300                                                              | 224,700*               | 185                          |
| 190                          | 53.1                 | 203.5                         | 64,000*                           | 16,000                                                               | 140,300*               | 80,200                                                               | 186,300*               | 121,600                                                              | 216,000*               | 190                          |
| 195                          | 51.6                 | 198.6                         | 58,200*                           | 11,300                                                               | 133,700*               | 73,900                                                               | 178,600*               | 114,200                                                              | 207,800*               | 195                          |
| 200                          | 50.1                 | 193.4                         | 52,700*                           | 6,900                                                                | 127,400*               | 62,300                                                               | 164,400*               | 100,500                                                              | 192,500*               | 200                          |
| 210                          | 46.8                 | 182.0                         | 42,200*                           |                                                                      | 113,500*               | 51,500                                                               | 151,400*               | 87,900                                                               | 178,400*               | 210                          |
| 220                          | 43.3                 | 169.2                         | 32,700*                           |                                                                      | 100,500*               | 41,600                                                               | 139,400*               | 76,300                                                               | 164,100*               | 220                          |
| 230                          | 39.5                 | 154.6                         | 23,800*                           |                                                                      | 88,400*                |                                                                      |                        |                                                                      |                        | 230                          |

# Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
 492,000 Lb. Crane Counterweight  
 320,000 Lb. Carbody Counterweight  
 0 Lb. thru 599,800 Lb. Hanging Counterweight  
 at 59 Ft. Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

**18000 With  
 21000 MAX-ER**



## 220 Ft. Boom

### 70 Ft. Fixed Jib, 20 Degree Offset

| Jib<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Feet | 247,800 Lb.<br>Hanging Counterweight                                 |                        | 467,800 Lb.<br>Hanging Counterweight                                 |                        | 599,800 Lb.<br>Hanging Counterweight                                 |                        | Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------|----------------------|-------------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|------------------------------|
|                              |                      |                               | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds |                              |
| 80                           | 81.5                 | 287.7                         | 267,400                                                              | 484,800*               | 450,500                                                              | 549,500*               |                                                                      |                        | 80                           |
| 85                           | 80.5                 | 286.3                         | 240,300                                                              | 450,700*               | 411,300                                                              | 537,000*               |                                                                      |                        | 85                           |
| 90                           | 79.5                 | 284.8                         | 216,400                                                              | 420,300*               | 376,900                                                              | 523,000*               |                                                                      |                        | 90                           |
| 95                           | 78.4                 | 283.2                         | 195,300                                                              | 393,000*               | 346,400                                                              | 490,400*               |                                                                      |                        | 95                           |
| 100                          | 77.3                 | 281.5                         | 176,400                                                              | 367,500*               | 319,200                                                              | 461,000*               |                                                                      |                        | 100                          |
| 105                          | 76.3                 | 279.6                         | 159,500                                                              | 344,200*               | 294,800                                                              | 434,300*               | 376,100                                                              | 487,300*               | 105                          |
| 110                          | 75.2                 | 277.7                         | 144,200                                                              | 323,100*               | 272,800                                                              | 410,000*               | 350,000                                                              | 460,600*               | 110                          |
| 115                          | 74.1                 | 275.7                         | 130,400                                                              | 303,900*               | 252,800                                                              | 387,700*               | 326,400                                                              | 436,200*               | 115                          |
| 120                          | 73.0                 | 273.6                         | 117,700                                                              | 286,300*               | 234,600                                                              | 367,200*               | 304,800                                                              | 413,700*               | 120                          |
| 125                          | 71.9                 | 271.3                         | 106,100                                                              | 270,000*               | 217,900                                                              | 348,400*               | 285,100                                                              | 393,000*               | 125                          |
| 130                          | 70.8                 | 268.9                         | 95,500                                                               | 255,100*               | 202,600                                                              | 330,900*               | 267,000                                                              | 373,900*               | 130                          |
| 135                          | 69.7                 | 266.5                         | 85,700                                                               | 241,200*               | 188,500                                                              | 314,700*               | 250,300                                                              | 356,100*               | 135                          |
| 140                          | 68.6                 | 263.8                         | 76,500                                                               | 228,400*               | 175,400                                                              | 299,600*               | 234,800                                                              | 339,600*               | 140                          |
| 145                          | 67.5                 | 261.1                         | 68,100                                                               | 216,400*               | 163,200                                                              | 285,600*               | 220,400                                                              | 324,200*               | 145                          |
| 150                          | 66.3                 | 258.2                         | 60,200                                                               | 205,200*               | 151,900                                                              | 272,400*               | 207,100                                                              | 309,700*               | 150                          |
| 155                          | 65.1                 | 255.2                         | 52,800                                                               | 194,800*               | 141,400                                                              | 260,100*               | 194,600                                                              | 296,200*               | 155                          |
| 160                          | 63.9                 | 252.1                         | 45,900                                                               | 184,900*               | 131,500                                                              | 248,500*               | 183,000                                                              | 283,500*               | 160                          |
| 165                          | 62.7                 | 248.8                         | 39,400                                                               | 175,700*               | 122,200                                                              | 237,600*               | 172,000                                                              | 271,600*               | 165                          |
| 170                          | 61.5                 | 245.3                         | 33,300                                                               | 167,000*               | 113,500                                                              | 227,300*               | 161,700                                                              | 260,300*               | 170                          |
| 175                          | 60.3                 | 241.7                         | 27,600                                                               | 158,800*               | 105,300                                                              | 217,500*               | 152,000                                                              | 249,700*               | 175                          |
| 180                          | 59.0                 | 238.0                         | 22,100                                                               | 151,000*               | 97,600                                                               | 208,100*               | 142,900                                                              | 239,600*               | 180                          |
| 185                          | 57.8                 | 234.0                         | 17,000                                                               | 143,700*               | 90,200                                                               | 199,200*               | 134,200                                                              | 230,000*               | 185                          |
| 190                          | 56.5                 | 229.9                         | 12,100                                                               | 136,700*               | 83,300                                                               | 190,700*               | 126,000                                                              | 220,900*               | 190                          |
| 195                          | 55.1                 | 225.5                         | 7,400                                                                | 130,100*               | 76,700                                                               | 182,700*               | 118,300                                                              | 212,300*               | 195                          |
| 200                          | 53.8                 | 221.0                         | 3,000                                                                | 123,800*               | 70,400                                                               | 175,000*               | 110,900                                                              | 204,100*               | 200                          |
| 210                          | 51.0                 | 211.2                         |                                                                      | 109,700*               | 58,600                                                               | 160,800*               | 97,100                                                               | 188,800*               | 210                          |
| 220                          | 48.1                 | 200.4                         |                                                                      | 96,700*                | 47,900                                                               | 147,800*               | 84,500                                                               | 174,800*               | 220                          |
| 230                          | 44.9                 | 188.4                         |                                                                      | 84,800*                | 38,000                                                               | 135,900*               | 72,900                                                               | 161,900*               | 230                          |
| 240                          | 41.6                 | 174.9                         |                                                                      | 73,700*                | 28,900                                                               | 124,900*               | 62,200                                                               | 150,000*               | 240                          |
| 250                          | 37.9                 | 159.5                         |                                                                      | 63,400*                | 20,300                                                               | 114,600*               | 52,100                                                               | 135,200*               | 250                          |

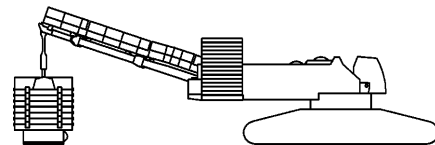


# Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
492,000 Lb. Crane Counterweight  
320,000 Lb. Carbody Counterweight  
0 Lb. thru 599,800 Lb. Hanging Counterweight  
at 59 Ft. Position  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements

**18000 With  
21000 MAX-ER**



## 240 Ft. Boom

### 70 Ft. Fixed Jib, 20 Degree Offset

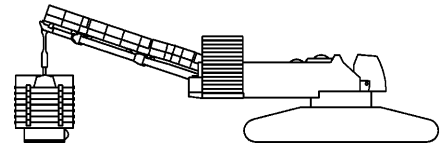
| Jib<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Feet | 247,800 Lb.<br>Hanging Counterweight                                 |                        | 467,800 Lb.<br>Hanging Counterweight                                 |                        | 599,800 Lb.<br>Hanging Counterweight                                 |                        | Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------|----------------------|-------------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|------------------------------|
|                              |                      |                               | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds |                              |
| 85                           | 81.2                 | 306.7                         | 241,500                                                              | 449,200*               | 413,700                                                              | 512,600*               |                                                                      |                        | 85                           |
| 90                           | 80.3                 | 305.3                         | 217,200                                                              | 418,700*               | 378,700                                                              | 512,600*               |                                                                      |                        | 90                           |
| 95                           | 79.3                 | 303.8                         | 195,700                                                              | 391,300*               | 347,800                                                              | 488,700*               |                                                                      |                        | 95                           |
| 100                          | 78.3                 | 302.2                         | 176,500                                                              | 365,900*               | 320,200                                                              | 459,200*               |                                                                      |                        | 100                          |
| 105                          | 77.3                 | 300.5                         | 159,300                                                              | 342,600*               | 295,400                                                              | 432,400*               | 377,200                                                              | 485,500*               | 105                          |
| 110                          | 76.3                 | 298.7                         | 143,800                                                              | 321,400*               | 273,100                                                              | 408,000*               | 350,800                                                              | 458,700*               | 110                          |
| 115                          | 75.3                 | 296.9                         | 129,700                                                              | 302,100*               | 252,800                                                              | 385,700*               | 326,800                                                              | 434,200*               | 115                          |
| 120                          | 74.3                 | 294.9                         | 116,900                                                              | 284,400*               | 234,400                                                              | 365,200*               | 305,000                                                              | 411,700*               | 120                          |
| 125                          | 73.3                 | 292.8                         | 105,100                                                              | 268,100*               | 217,500                                                              | 346,300*               | 285,000                                                              | 390,900*               | 125                          |
| 130                          | 72.3                 | 290.6                         | 94,300                                                               | 253,100*               | 202,000                                                              | 328,800*               | 266,700                                                              | 371,800*               | 130                          |
| 135                          | 71.3                 | 288.3                         | 84,300                                                               | 239,200*               | 187,600                                                              | 312,500*               | 249,800                                                              | 353,900*               | 135                          |
| 140                          | 70.2                 | 285.9                         | 75,100                                                               | 226,300*               | 174,400                                                              | 297,400*               | 234,100                                                              | 337,400*               | 140                          |
| 145                          | 69.2                 | 283.4                         | 66,500                                                               | 214,300*               | 162,100                                                              | 283,300*               | 219,600                                                              | 321,900*               | 145                          |
| 150                          | 68.1                 | 280.8                         | 58,500                                                               | 203,100*               | 150,700                                                              | 270,200*               | 206,100                                                              | 307,500*               | 150                          |
| 155                          | 67.0                 | 278.0                         | 51,000                                                               | 192,600*               | 140,000                                                              | 257,800*               | 193,500                                                              | 293,900*               | 155                          |
| 160                          | 66.0                 | 275.2                         | 44,000                                                               | 182,800*               | 130,000                                                              | 246,200*               | 181,700                                                              | 281,200*               | 160                          |
| 165                          | 64.9                 | 272.2                         | 37,500                                                               | 173,500*               | 120,700                                                              | 235,300*               | 170,700                                                              | 269,300*               | 165                          |
| 170                          | 63.8                 | 269.0                         | 31,300                                                               | 164,800*               | 111,900                                                              | 225,000*               | 160,300                                                              | 258,000*               | 170                          |
| 175                          | 62.6                 | 265.8                         | 25,500                                                               | 156,600*               | 103,600                                                              | 215,200*               | 150,500                                                              | 247,300*               | 175                          |
| 180                          | 61.5                 | 262.3                         | 20,000                                                               | 148,800*               | 95,800                                                               | 205,800*               | 141,300                                                              | 237,200*               | 180                          |
| 185                          | 60.4                 | 258.8                         | 14,800                                                               | 141,400*               | 88,400                                                               | 196,900*               | 132,600                                                              | 227,700*               | 185                          |
| 190                          | 59.2                 | 255.1                         | 9,900                                                                | 134,500*               | 81,400                                                               | 188,500*               | 124,400                                                              | 218,600*               | 190                          |
| 195                          | 58.0                 | 251.2                         | 5,200                                                                | 127,800*               | 74,700                                                               | 180,400*               | 116,500                                                              | 209,900*               | 195                          |
| 200                          | 56.8                 | 247.1                         | 700                                                                  | 121,500*               | 68,400                                                               | 172,800*               | 109,100                                                              | 201,700*               | 200                          |
| 210                          | 54.3                 | 238.5                         |                                                                      | 107,600*               | 56,600                                                               | 158,600*               | 95,200                                                               | 186,400*               | 210                          |
| 220                          | 51.8                 | 229.1                         |                                                                      | 94,600*                | 45,900                                                               | 145,600*               | 82,600                                                               | 172,400*               | 220                          |
| 230                          | 49.1                 | 218.7                         |                                                                      | 82,700*                | 36,000                                                               | 133,700*               | 71,100                                                               | 159,600*               | 230                          |
| 240                          | 46.2                 | 207.3                         |                                                                      | 71,700*                | 26,900                                                               | 122,700*               | 60,400                                                               | 147,700*               | 240                          |
| 250                          | 43.2                 | 194.6                         |                                                                      | 61,500*                | 18,500                                                               | 112,500*               | 50,500                                                               | 136,700*               | 250                          |
| 260                          | 39.9                 | 180.4                         |                                                                      | 51,900*                | 10,500                                                               | 102,800*               | 41,200                                                               | 125,700*               | 260                          |

# Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
 492,000 Lb. Crane Counterweight  
 320,000 Lb. Carbody Counterweight  
 0 Lb. thru 599,800 Lb. Hanging Counterweight  
 at 59 Ft. Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

**18000 With  
 21000 MAX-ER**



**260 Ft. Boom**

**70 Ft. Fixed Jib, 20 Degree Offset**

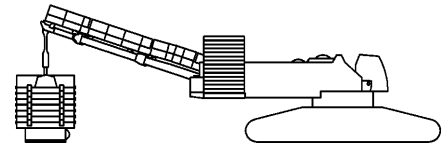
| Jib<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Feet | 247,800 Lb.<br>Hanging Counterweight                                 |                        | 467,800 Lb.<br>Hanging Counterweight                                 |                        | 599,800 Lb.<br>Hanging Counterweight                                 |                        | Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------|----------------------|-------------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|------------------------------|
|                              |                      |                               | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds |                              |
| 85                           | 81.5                 | 327.9                         | 238,400                                                              | 444,700*               |                                                                      |                        |                                                                      |                        | 85                           |
| 90                           | 80.6                 | 326.6                         | 213,800                                                              | 414,200*               | 376,300                                                              | 455,700*               |                                                                      |                        | 90                           |
| 95                           | 79.7                 | 325.2                         | 192,100                                                              | 386,800*               | 345,000                                                              | 455,700*               |                                                                      |                        | 95                           |
| 100                          | 78.8                 | 323.7                         | 172,700                                                              | 361,600*               | 317,200                                                              | 454,700*               |                                                                      |                        | 100                          |
| 105                          | 77.9                 | 322.2                         | 155,300                                                              | 338,300*               | 292,200                                                              | 427,900*               | 374,400                                                              | 455,700*               | 105                          |
| 110                          | 76.9                 | 320.5                         | 139,700                                                              | 317,100*               | 269,600                                                              | 403,500*               | 347,700                                                              | 454,100*               | 110                          |
| 115                          | 76.0                 | 318.8                         | 125,400                                                              | 297,800*               | 249,200                                                              | 381,200*               | 323,600                                                              | 429,700*               | 115                          |
| 120                          | 75.1                 | 316.9                         | 112,500                                                              | 280,100*               | 230,600                                                              | 360,700*               | 301,600                                                              | 407,200*               | 120                          |
| 125                          | 74.1                 | 315.0                         | 100,600                                                              | 263,800*               | 213,600                                                              | 341,700*               | 281,500                                                              | 386,400*               | 125                          |
| 130                          | 73.2                 | 313.0                         | 89,700                                                               | 248,800*               | 197,900                                                              | 324,200*               | 263,000                                                              | 367,200*               | 130                          |
| 135                          | 72.2                 | 310.9                         | 79,700                                                               | 234,900*               | 183,500                                                              | 308,000*               | 245,900                                                              | 349,400*               | 135                          |
| 140                          | 71.3                 | 308.6                         | 70,400                                                               | 222,000*               | 170,200                                                              | 292,900*               | 230,200                                                              | 332,900*               | 140                          |
| 145                          | 70.3                 | 306.3                         | 61,700                                                               | 210,000*               | 157,800                                                              | 278,800*               | 215,600                                                              | 317,400*               | 145                          |
| 150                          | 69.3                 | 303.9                         | 53,700                                                               | 198,800*               | 146,300                                                              | 265,700*               | 202,000                                                              | 303,000*               | 150                          |
| 155                          | 68.3                 | 301.4                         | 46,200                                                               | 188,300*               | 135,600                                                              | 253,300*               | 189,300                                                              | 289,500*               | 155                          |
| 160                          | 67.4                 | 298.7                         | 39,200                                                               | 178,400*               | 125,600                                                              | 241,700*               | 177,500                                                              | 276,700*               | 160                          |
| 165                          | 66.4                 | 296.0                         | 32,600                                                               | 169,200*               | 116,200                                                              | 230,800*               | 166,400                                                              | 264,800*               | 165                          |
| 170                          | 65.3                 | 293.1                         | 26,400                                                               | 160,500*               | 107,300                                                              | 220,500*               | 156,000                                                              | 253,500*               | 170                          |
| 175                          | 64.3                 | 290.1                         | 20,600                                                               | 152,300*               | 99,000                                                               | 210,800*               | 146,200                                                              | 242,900*               | 175                          |
| 180                          | 63.3                 | 287.0                         | 15,100                                                               | 144,500*               | 91,200                                                               | 201,500*               | 136,900                                                              | 232,800*               | 180                          |
| 185                          | 62.2                 | 283.7                         | 9,800                                                                | 137,100*               | 83,700                                                               | 192,600*               | 128,200                                                              | 223,200*               | 185                          |
| 190                          | 61.2                 | 280.4                         | 4,900                                                                | 130,200*               | 76,700                                                               | 184,200*               | 119,900                                                              | 214,200*               | 190                          |
| 195                          | 60.1                 | 276.9                         | 200                                                                  | 123,600*               | 70,000                                                               | 176,200*               | 112,000                                                              | 205,600*               | 195                          |
| 200                          | 59.0                 | 273.2                         |                                                                      | 117,000*               | 63,700                                                               | 168,500*               | 104,600                                                              | 197,400*               | 200                          |
| 210                          | 56.8                 | 265.5                         |                                                                      | 102,800*               | 52,000                                                               | 154,300*               | 90,700                                                               | 182,100*               | 210                          |
| 220                          | 54.5                 | 257.1                         |                                                                      | 89,800*                | 41,200                                                               | 141,400*               | 78,100                                                               | 168,100*               | 220                          |
| 230                          | 52.1                 | 247.9                         |                                                                      | 78,000*                | 31,400                                                               | 129,600*               | 66,600                                                               | 155,400*               | 230                          |
| 240                          | 49.7                 | 238.0                         |                                                                      | 67,000*                | 22,400                                                               | 118,700*               | 56,000                                                               | 143,600*               | 240                          |
| 250                          | 47.1                 | 227.2                         |                                                                      | 56,900*                | 14,000                                                               | 108,600*               | 46,200                                                               | 132,700*               | 250                          |
| 260                          | 44.3                 | 215.2                         |                                                                      | 47,500*                | 6,200                                                                | 98,600*                | 37,000                                                               | 122,500*               | 260                          |
| 270                          | 41.4                 | 202.1                         |                                                                      | 38,700*                |                                                                      | 87,800*                | 28,500                                                               | 113,100*               | 270                          |
| 280                          | 38.3                 | 187.3                         |                                                                      | 30,400*                |                                                                      | 77,600*                | 20,500                                                               | 100,100*               | 280                          |

# Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
 492,000 Lb. Crane Counterweight  
 320,000 Lb. Carbody Counterweight  
 0 Lb. thru 599,800 Lb. Hanging Counterweight  
 at 59 Ft. Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

**18000 With  
 21000 MAX-ER**



## 280 Ft. Boom 70 Ft. Fixed Jib, 20 Degree Offset

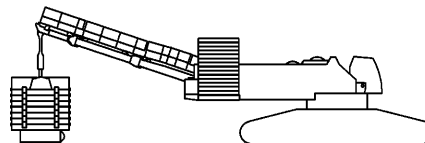
| Jib<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Feet | 467,800 Lb.<br>Hanging Counterweight                                 |                        | 599,800 Lb.<br>Hanging Counterweight                                 |                        |
|------------------------------|----------------------|-------------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|
|                              |                      |                               | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds |
| 100                          | 79.5                 | 344.3                         | 317,500                                                              | 397,700*               |                                                                      |                        |
| 105                          | 78.7                 | 342.8                         | 292,100                                                              | 397,700*               |                                                                      |                        |
| 110                          | 77.8                 | 341.3                         | 269,300                                                              | 397,700*               |                                                                      |                        |
| 115                          | 76.9                 | 339.7                         | 248,600                                                              | 378,900*               | 323,400                                                              | 397,700*               |
| 120                          | 76.0                 | 337.9                         | 229,800                                                              | 358,300*               | 301,100                                                              | 397,700*               |
| 125                          | 75.2                 | 336.1                         | 212,600                                                              | 339,400*               | 280,800                                                              | 384,100*               |
| 130                          | 74.3                 | 334.2                         | 196,700                                                              | 321,800*               | 262,100                                                              | 364,800*               |
| 135                          | 73.4                 | 332.3                         | 182,200                                                              | 305,600*               | 244,900                                                              | 347,000*               |
| 140                          | 72.5                 | 330.2                         | 168,700                                                              | 290,400*               | 229,000                                                              | 330,400*               |
| 145                          | 71.6                 | 328.0                         | 156,200                                                              | 276,300*               | 214,200                                                              | 314,900*               |
| 150                          | 70.7                 | 325.8                         | 144,600                                                              | 263,100*               | 200,500                                                              | 300,500*               |
| 155                          | 69.8                 | 323.4                         | 133,700                                                              | 250,800*               | 187,700                                                              | 286,900*               |
| 160                          | 68.9                 | 321.0                         | 123,600                                                              | 239,100*               | 175,700                                                              | 274,200*               |
| 165                          | 67.9                 | 318.4                         | 114,100                                                              | 228,200*               | 164,500                                                              | 262,200*               |
| 170                          | 67.0                 | 315.7                         | 105,200                                                              | 217,900*               | 154,000                                                              | 250,900*               |
| 175                          | 66.0                 | 313.0                         | 96,800                                                               | 208,200*               | 144,100                                                              | 240,200*               |
| 180                          | 65.1                 | 310.1                         | 88,900                                                               | 199,000*               | 134,800                                                              | 230,100*               |
| 185                          | 64.1                 | 307.1                         | 81,400                                                               | 190,100*               | 126,000                                                              | 220,600*               |
| 190                          | 63.1                 | 304.0                         | 74,300                                                               | 181,600*               | 117,600                                                              | 211,500*               |
| 195                          | 62.2                 | 300.8                         | 67,600                                                               | 173,600*               | 109,700                                                              | 202,900*               |
| 200                          | 61.2                 | 297.5                         | 61,200                                                               | 165,900*               | 102,200                                                              | 194,700*               |
| 210                          | 59.1                 | 290.4                         | 49,400                                                               | 151,700*               | 88,300                                                               | 179,400*               |
| 220                          | 57.1                 | 282.7                         | 38,600                                                               | 138,800*               | 75,600                                                               | 165,500*               |
| 230                          | 54.9                 | 274.5                         | 28,700                                                               | 127,000*               | 64,100                                                               | 152,700*               |
| 240                          | 52.7                 | 265.6                         | 19,700                                                               | 116,100*               | 53,400                                                               | 140,900*               |
| 250                          | 50.4                 | 256.0                         | 11,300                                                               | 106,000*               | 43,600                                                               | 130,000*               |
| 260                          | 48.0                 | 245.6                         | 3,500                                                                | 96,000*                | 34,500                                                               | 119,900*               |
| 270                          | 45.5                 | 234.2                         |                                                                      | 85,200*                | 26,000                                                               | 110,500*               |
| 280                          | 42.9                 | 221.7                         |                                                                      | 75,200*                | 18,100                                                               | 101,700*               |
| 290                          | 40.0                 | 208.0                         |                                                                      | 65,700*                | 10,600                                                               | 90,800*                |
| 300                          | 37.0                 | 192.6                         |                                                                      | 56,800*                | 3,500                                                                | 78,700*                |

# Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
 492,000 Lb. Crane Counterweight  
 320,000 Lb. Carbody Counterweight  
 0 Lb. thru 599,800 Lb. Hanging Counterweight  
 at 59 Ft. Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

## 18000 With 21000 MAX-ER



### 300 Ft. Boom 70 Ft. Fixed Jib, 20 Degree Offset

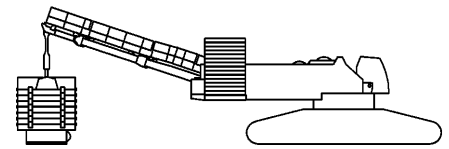
| Jib<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Feet | 467,800 Lb.<br>Hanging Counterweight                                 |                        | 599,800 Lb.<br>Hanging Counterweight                                 |                        |
|------------------------------|----------------------|-------------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|
|                              |                      |                               | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds |
| 105                          | 79.4                 | 363.4                         | 290,900                                                              | 349,200*               |                                                                      |                        |
| 110                          | 78.5                 | 361.9                         | 267,700                                                              | 349,200*               |                                                                      |                        |
| 115                          | 77.7                 | 360.4                         | 246,700                                                              | 349,200*               |                                                                      |                        |
| 120                          | 76.9                 | 358.8                         | 227,600                                                              | 349,200*               |                                                                      |                        |
| 125                          | 76.1                 | 357.1                         | 210,200                                                              | 336,000*               | 278,700                                                              | 349,200*               |
| 130                          | 75.2                 | 355.3                         | 194,200                                                              | 318,400*               | 259,800                                                              | 349,200*               |
| 135                          | 74.4                 | 353.5                         | 179,400                                                              | 302,100*               | 242,400                                                              | 343,500*               |
| 140                          | 73.6                 | 351.5                         | 165,800                                                              | 286,900*               | 226,300                                                              | 326,800*               |
| 145                          | 72.7                 | 349.5                         | 153,100                                                              | 272,700*               | 211,400                                                              | 311,300*               |
| 150                          | 71.9                 | 347.4                         | 141,300                                                              | 259,500*               | 197,500                                                              | 296,800*               |
| 155                          | 71.0                 | 345.2                         | 130,400                                                              | 247,100*               | 184,600                                                              | 283,200*               |
| 160                          | 70.2                 | 342.9                         | 120,100                                                              | 235,400*               | 172,500                                                              | 270,400*               |
| 165                          | 69.3                 | 340.5                         | 110,500                                                              | 224,500*               | 161,200                                                              | 258,400*               |
| 170                          | 68.4                 | 338.0                         | 101,500                                                              | 214,100*               | 150,500                                                              | 247,100*               |
| 175                          | 67.5                 | 335.4                         | 93,000                                                               | 204,400*               | 140,500                                                              | 236,400*               |
| 180                          | 66.7                 | 332.8                         | 85,000                                                               | 195,100*               | 131,100                                                              | 226,300*               |
| 185                          | 65.8                 | 330.0                         | 77,500                                                               | 186,400*               | 122,200                                                              | 216,700*               |
| 190                          | 64.9                 | 327.1                         | 70,300                                                               | 177,900*               | 113,800                                                              | 207,600*               |
| 195                          | 63.9                 | 324.1                         | 63,500                                                               | 169,800*               | 105,800                                                              | 199,000*               |
| 200                          | 63.0                 | 321.1                         | 57,100                                                               | 162,200*               | 98,300                                                               | 190,800*               |
| 210                          | 61.2                 | 314.5                         | 45,200                                                               | 147,900*               | 84,200                                                               | 175,500*               |
| 220                          | 59.2                 | 307.5                         | 34,300                                                               | 135,000*               | 71,500                                                               | 161,500*               |
| 230                          | 57.3                 | 300.0                         | 24,400                                                               | 123,100*               | 59,800                                                               | 148,700*               |
| 240                          | 55.3                 | 291.9                         | 15,300                                                               | 112,200*               | 49,100                                                               | 136,900*               |
| 250                          | 53.2                 | 283.2                         | 6,800                                                                | 102,100*               | 39,300                                                               | 126,000*               |
| 260                          | 51.1                 | 273.9                         |                                                                      | 91,500*                | 30,100                                                               | 116,000*               |
| 270                          | 48.8                 | 263.8                         |                                                                      | 80,800*                | 21,700                                                               | 106,600*               |
| 280                          | 46.5                 | 252.8                         |                                                                      | 70,800*                | 13,700                                                               | 97,800*                |
| 290                          | 44.1                 | 240.9                         |                                                                      | 61,400*                | 6,300                                                                | 88,800*                |
| 300                          | 41.5                 | 227.9                         |                                                                      | 52,600*                |                                                                      | 79,100*                |
| 310                          | 38.8                 | 213.6                         |                                                                      | 44,200*                |                                                                      | 68,300*                |

# Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
 492,000 Lb. Crane Counterweight  
 320,000 Lb. Carbody Counterweight  
 0 Lb. thru 599,800 Lb. Hanging Counterweight  
 at 59 Ft. Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

**18000 With  
 21000 MAX-ER**



## 320 Ft. Boom 70 Ft. Fixed Jib, 20 Degree Offset

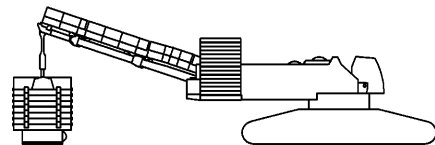
| Jib<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Feet | 467,800 Lb.<br>Hanging Counterweight                                 |                        | 599,800 Lb.<br>Hanging Counterweight                                 |                        |
|------------------------------|----------------------|-------------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|
|                              |                      |                               | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds |
| 115                          | 78.4                 | 381.1                         | 248,300                                                              | 296,400*               |                                                                      |                        |
| 120                          | 77.7                 | 379.6                         | 229,000                                                              | 296,400*               |                                                                      |                        |
| 125                          | 76.9                 | 378.0                         | 211,400                                                              | 296,400*               |                                                                      |                        |
| 130                          | 76.1                 | 376.3                         | 195,200                                                              | 296,400*               |                                                                      |                        |
| 135                          | 75.3                 | 374.6                         | 180,400                                                              | 296,400*               | 243,600                                                              | 296,400*               |
| 140                          | 74.5                 | 372.7                         | 166,600                                                              | 286,400*               | 227,400                                                              | 296,400*               |
| 145                          | 73.7                 | 370.8                         | 153,900                                                              | 272,200*               | 212,400                                                              | 296,400*               |
| 150                          | 72.9                 | 368.8                         | 142,000                                                              | 258,900*               | 198,400                                                              | 296,300*               |
| 155                          | 72.1                 | 366.8                         | 131,000                                                              | 246,500*               | 185,400                                                              | 282,700*               |
| 160                          | 71.3                 | 364.6                         | 120,600                                                              | 234,900*               | 173,200                                                              | 269,900*               |
| 165                          | 70.5                 | 362.4                         | 111,000                                                              | 223,900*               | 161,800                                                              | 257,900*               |
| 170                          | 69.7                 | 360.0                         | 101,900                                                              | 213,600*               | 151,100                                                              | 246,600*               |
| 175                          | 68.9                 | 357.6                         | 93,400                                                               | 203,800*               | 141,100                                                              | 235,900*               |
| 180                          | 68.0                 | 355.1                         | 85,300                                                               | 194,600*               | 131,600                                                              | 225,700*               |
| 185                          | 67.2                 | 352.5                         | 77,700                                                               | 185,800*               | 122,600                                                              | 216,200*               |
| 190                          | 66.3                 | 349.9                         | 70,500                                                               | 177,400*               | 114,200                                                              | 207,100*               |
| 195                          | 65.5                 | 347.1                         | 63,700                                                               | 169,300*               | 106,200                                                              | 198,400*               |
| 200                          | 64.6                 | 344.2                         | 57,300                                                               | 161,700*               | 98,600                                                               | 190,200*               |
| 210                          | 62.9                 | 338.1                         | 45,300                                                               | 147,400*               | 84,500                                                               | 174,900*               |
| 220                          | 61.1                 | 331.6                         | 34,400                                                               | 134,500*               | 71,700                                                               | 161,000*               |
| 230                          | 59.3                 | 324.7                         | 24,400                                                               | 122,600*               | 60,000                                                               | 148,200*               |
| 240                          | 57.5                 | 317.3                         | 15,300                                                               | 111,700*               | 49,300                                                               | 136,400*               |
| 250                          | 55.6                 | 309.3                         | 6,900                                                                | 101,700*               | 39,400                                                               | 125,600*               |
| 260                          | 53.6                 | 300.8                         |                                                                      | 91,000*                | 30,300                                                               | 115,500*               |
| 270                          | 51.6                 | 291.7                         |                                                                      | 80,800*                | 21,800                                                               | 106,100*               |
| 280                          | 49.5                 | 281.9                         |                                                                      | 70,900*                | 13,900                                                               | 97,400*                |
| 290                          | 47.4                 | 271.3                         |                                                                      | 61,600*                | 6,500                                                                | 88,300*                |
| 300                          | 45.1                 | 259.9                         |                                                                      | 52,800*                |                                                                      | 79,100*                |
| 310                          | 42.8                 | 247.5                         |                                                                      | 44,600*                |                                                                      | 70,200*                |
| 320                          | 40.3                 | 234.0                         |                                                                      | 36,800*                |                                                                      | 61,600*                |
| 330                          | 37.6                 | 219.2                         |                                                                      | 29,300*                |                                                                      | 52,500*                |

# Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
 492,000 Lb. Crane Counterweight  
 320,000 Lb. Carbody Counterweight  
 0 Lb. thru 599,800 Lb. Hanging Counterweight  
 at 59 Ft. Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

**18000 With  
 21000 MAX-ER**



## 340 Ft. Boom

## 70 Ft. Fixed Jib, 20 Degree Offset

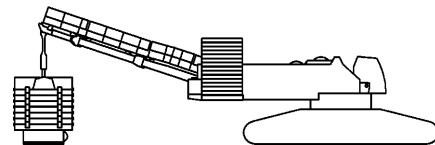
| Jib<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Feet | 599,800 Lb.<br>Hanging Counterweight                                 |                        |
|------------------------------|----------------------|-------------------------------|----------------------------------------------------------------------|------------------------|
|                              |                      |                               | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds |
| 145                          | 74.6                 | 392.0                         | 209,400                                                              | 258,000*               |
| 150                          | 73.9                 | 390.1                         | 195,300                                                              | 258,000*               |
| 155                          | 73.1                 | 388.1                         | 182,100                                                              | 258,000*               |
| 160                          | 72.3                 | 386.1                         | 169,900                                                              | 258,000*               |
| 165                          | 71.6                 | 384.0                         | 158,400                                                              | 254,100*               |
| 170                          | 70.8                 | 381.8                         | 147,600                                                              | 242,800*               |
| 175                          | 70.0                 | 379.6                         | 137,400                                                              | 232,100*               |
| 180                          | 69.2                 | 377.2                         | 127,800                                                              | 221,900*               |
| 185                          | 68.5                 | 374.8                         | 118,800                                                              | 212,300*               |
| 190                          | 67.7                 | 372.3                         | 110,300                                                              | 203,200*               |
| 195                          | 66.9                 | 369.6                         | 102,200                                                              | 194,500*               |
| 200                          | 66.1                 | 366.9                         | 94,500                                                               | 186,300*               |
| 210                          | 64.4                 | 361.3                         | 80,300                                                               | 171,000*               |
| 220                          | 62.8                 | 355.2                         | 67,400                                                               | 157,000*               |
| 230                          | 61.1                 | 348.8                         | 55,700                                                               | 144,200*               |
| 240                          | 59.4                 | 341.9                         | 44,900                                                               | 132,400*               |
| 250                          | 57.6                 | 334.5                         | 35,000                                                               | 121,500*               |
| 260                          | 55.8                 | 326.7                         | 25,800                                                               | 111,500*               |
| 270                          | 54.0                 | 318.3                         | 17,300                                                               | 102,100*               |
| 280                          | 52.1                 | 309.4                         | 9,400                                                                | 92,800*                |
| 290                          | 50.2                 | 299.9                         | 1,900                                                                | 83,000*                |
| 300                          | 48.1                 | 289.6                         |                                                                      | 73,800*                |
| 310                          | 46.0                 | 278.6                         |                                                                      | 65,100*                |
| 320                          | 43.8                 | 266.8                         |                                                                      | 57,000*                |
| 330                          | 41.5                 | 253.9                         |                                                                      | 48,900*                |
| 340                          | 39.1                 | 239.9                         |                                                                      | 41,200*                |

# Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
492,000 Lb. Crane Counterweight  
320,000 Lb. Carbody Counterweight  
0 Lb. thru 599,800 Lb. Hanging Counterweight  
at 59 Ft. Position  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements

## 18000 With 21000 MAX-ER



### 140 Ft. Boom

### 90 Ft. Fixed Jib, 5 Degree Offset

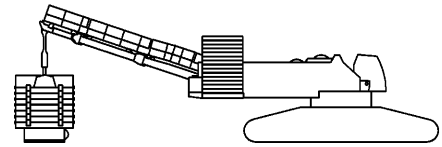
| Jib<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Feet | 0 Lb.<br>Hanging<br>Counterweight | 247,800 Lb.<br>Hanging Counterweight                                 |                        | 467,800 Lb.<br>Hanging Counterweight                                 |                        | 599,800 Lb.<br>Hanging Counterweight                                 |                        | Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------|----------------------|-------------------------------|-----------------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|------------------------------|
|                              |                      |                               | Jib Capacity<br>Pounds            | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds |                              |
| 55                           | 82.1                 | 236.8                         | 545,400*                          | 445,400                                                              | 736,400*               |                                                                      |                        |                                                                      |                        | 55                           |
| 60                           | 80.9                 | 235.6                         | 490,900*                          | 392,100                                                              | 670,200*               |                                                                      |                        |                                                                      |                        | 60                           |
| 65                           | 79.6                 | 234.3                         | 445,000*                          | 348,100                                                              | 613,800*               |                                                                      |                        |                                                                      |                        | 65                           |
| 70                           | 78.3                 | 232.9                         | 405,900*                          | 311,000                                                              | 565,200*               |                                                                      |                        |                                                                      |                        | 70                           |
| 75                           | 77.0                 | 231.4                         | 372,100*                          | 279,400                                                              | 522,900*               |                                                                      |                        |                                                                      |                        | 75                           |
| 80                           | 75.7                 | 229.7                         | 342,600*                          | 252,100                                                              | 485,800*               |                                                                      |                        |                                                                      |                        | 80                           |
| 85                           | 74.4                 | 228.0                         | 316,700*                          | 228,200                                                              | 452,900*               |                                                                      |                        |                                                                      |                        | 85                           |
| 90                           | 73.0                 | 226.0                         | 293,700*                          | 207,300                                                              | 423,500*               |                                                                      |                        |                                                                      |                        | 90                           |
| 95                           | 71.7                 | 224.0                         | 273,200*                          | 188,700                                                              | 396,200*               |                                                                      |                        |                                                                      |                        | 95                           |
| 100                          | 70.3                 | 221.8                         | 254,700*                          | 172,100                                                              | 371,500*               |                                                                      |                        |                                                                      |                        | 100                          |
| 105                          | 69.0                 | 219.5                         | 238,100*                          | 157,100                                                              | 349,100*               |                                                                      |                        |                                                                      |                        | 105                          |
| 110                          | 67.6                 | 217.0                         | 221,000                           | 143,600                                                              | 328,800*               |                                                                      |                        |                                                                      |                        | 110                          |
| 115                          | 66.2                 | 214.4                         | 205,600                           | 131,400                                                              | 310,300*               |                                                                      |                        |                                                                      |                        | 115                          |
| 120                          | 64.8                 | 211.6                         | 191,700                           | 120,100                                                              | 293,400*               |                                                                      |                        |                                                                      |                        | 120                          |
| 125                          | 63.3                 | 208.6                         | 178,900                           | 109,900                                                              | 277,800*               |                                                                      |                        |                                                                      |                        | 125                          |
| 130                          | 61.9                 | 205.5                         | 167,300                           | 100,400                                                              | 263,400*               |                                                                      |                        |                                                                      |                        | 130                          |
| 135                          | 60.4                 | 202.2                         | 156,600                           | 91,700                                                               | 250,100*               |                                                                      |                        |                                                                      |                        | 135                          |
| 140                          | 58.9                 | 198.7                         | 146,800                           | 83,600                                                               | 237,800*               |                                                                      |                        |                                                                      |                        | 140                          |
| 145                          | 57.3                 | 195.0                         | 137,700                           | 76,000                                                               | 226,300*               |                                                                      |                        |                                                                      |                        | 145                          |
| 150                          | 55.7                 | 191.0                         | 129,200                           | 69,000                                                               | 215,500*               |                                                                      |                        |                                                                      |                        | 150                          |
| 155                          | 54.1                 | 186.9                         | 121,100*                          | 62,400                                                               | 205,500*               |                                                                      |                        |                                                                      |                        | 155                          |
| 160                          | 52.5                 | 182.5                         | 113,100*                          | 56,200                                                               | 196,000*               |                                                                      |                        |                                                                      |                        | 160                          |
| 165                          | 50.8                 | 177.8                         | 105,600*                          | 50,400                                                               | 187,100*               |                                                                      |                        |                                                                      |                        | 165                          |
| 170                          | 49.0                 | 172.9                         | 98,500*                           | 44,900                                                               | 178,800*               |                                                                      |                        |                                                                      |                        | 170                          |
| 175                          | 47.2                 | 167.6                         | 91,800*                           | 39,800                                                               | 170,900*               |                                                                      |                        |                                                                      |                        | 175                          |
| 180                          | 45.4                 | 162.0                         | 85,500*                           | 34,900                                                               | 163,400*               |                                                                      |                        |                                                                      |                        | 180                          |
| 185                          | 43.4                 | 156.0                         | 79,400*                           | 30,200                                                               | 156,300*               |                                                                      |                        |                                                                      |                        | 185                          |
| 190                          | 41.4                 | 149.5                         | 73,700*                           | 25,700                                                               | 149,600*               |                                                                      |                        |                                                                      |                        | 190                          |
| 195                          | 39.3                 | 142.6                         | 68,200*                           | 21,500                                                               | 143,200*               |                                                                      |                        |                                                                      |                        | 195                          |
| 200                          | 37.0                 | 135.0                         | 63,000*                           | 17,400                                                               | 136,900*               |                                                                      |                        |                                                                      |                        | 200                          |
| 210                          | 32.0                 | 117.6                         | 53,100*                           | 9,700                                                                | 123,200*               |                                                                      |                        |                                                                      |                        | 210                          |
| 220                          | 26.0                 | 95.5                          | 43,800*                           | 2,300                                                                | 110,500*               |                                                                      |                        |                                                                      |                        | 220                          |

# Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
 492,000 Lb. Crane Counterweight  
 320,000 Lb. Carbody Counterweight  
 0 Lb. thru 599,800 Lb. Hanging Counterweight  
 at 59 Ft. Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

**18000 With  
 21000 MAX-ER**



**160 Ft. Boom**

**90 Ft. Fixed Jib, 5 Degree Offset**

| Jib<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Feet | 0 Lb.<br>Hanging<br>Counterweight | 247,800 Lb.<br>Hanging Counterweight                                 |                        | 467,800 Lb.<br>Hanging Counterweight                                 |                        | 599,800 Lb.<br>Hanging Counterweight                                 |                        | Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------|----------------------|-------------------------------|-----------------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|------------------------------|
|                              |                      |                               | Jib Capacity<br>Pounds            | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds |                              |
| 60                           | 82.1                 | 255.9                         | 489,500*                          | 397,100                                                              | 668,300*               |                                                                      |                        |                                                                      |                        | 60                           |
| 65                           | 80.9                 | 254.7                         | 443,300*                          | 351,700                                                              | 611,700*               | 577,800                                                              | 743,600*               |                                                                      |                        | 65                           |
| 70                           | 79.7                 | 253.4                         | 403,900*                          | 313,600                                                              | 562,900*               | 521,400                                                              | 694,100*               |                                                                      |                        | 70                           |
| 75                           | 78.5                 | 252.0                         | 369,900*                          | 281,100                                                              | 520,400*               | 473,400                                                              | 643,100*               | 588,900                                                              | 716,800*               | 75                           |
| 80                           | 77.3                 | 250.5                         | 340,300*                          | 253,000                                                              | 483,100*               | 431,900                                                              | 598,300*               | 539,500                                                              | 667,500*               | 80                           |
| 85                           | 76.1                 | 248.8                         | 314,200*                          | 228,500                                                              | 450,000*               | 395,800                                                              | 558,600*               | 496,400                                                              | 623,800*               | 85                           |
| 90                           | 74.9                 | 247.1                         | 291,000*                          | 207,000                                                              | 420,500*               | 364,100                                                              | 523,300*               | 458,500                                                              | 584,900*               | 90                           |
| 95                           | 73.7                 | 245.2                         | 270,400*                          | 188,000                                                              | 393,400*               | 336,000                                                              | 491,500*               | 424,900                                                              | 550,000*               | 95                           |
| 100                          | 72.5                 | 243.3                         | 251,800*                          | 170,900                                                              | 368,500*               | 310,800                                                              | 462,900*               | 394,900                                                              | 518,500*               | 100                          |
| 105                          | 71.2                 | 241.1                         | 235,000*                          | 155,600                                                              | 346,100*               | 288,300                                                              | 436,900*               | 368,000                                                              | 489,900*               | 105                          |
| 110                          | 70.0                 | 238.9                         | 218,700                           | 141,800                                                              | 325,700*               | 267,900                                                              | 413,200*               | 343,700                                                              | 463,900*               | 110                          |
| 115                          | 68.7                 | 236.5                         | 203,100                           | 129,300                                                              | 307,100*               | 249,400                                                              | 391,500*               | 321,700                                                              | 440,000*               | 115                          |
| 120                          | 67.4                 | 234.0                         | 189,000                           | 117,800                                                              | 290,100*               | 232,600                                                              | 371,600*               | 301,600                                                              | 418,100*               | 120                          |
| 125                          | 66.1                 | 231.4                         | 176,200                           | 107,300                                                              | 274,400*               | 217,100                                                              | 353,300*               | 283,100                                                              | 398,000*               | 125                          |
| 130                          | 64.8                 | 228.6                         | 164,500                           | 97,600                                                               | 260,000*               | 202,900                                                              | 336,300*               | 266,200                                                              | 379,300*               | 130                          |
| 135                          | 63.5                 | 225.6                         | 153,700                           | 88,700                                                               | 246,600*               | 189,800                                                              | 320,600*               | 250,600                                                              | 362,000*               | 135                          |
| 140                          | 62.1                 | 222.5                         | 143,800                           | 80,500                                                               | 234,200*               | 177,700                                                              | 305,900*               | 236,100                                                              | 345,900*               | 140                          |
| 145                          | 60.8                 | 219.2                         | 134,600                           | 72,800                                                               | 222,600*               | 166,400                                                              | 292,200*               | 222,700                                                              | 330,800*               | 145                          |
| 150                          | 59.4                 | 215.8                         | 126,100                           | 65,600                                                               | 211,900*               | 155,900                                                              | 279,500*               | 210,200                                                              | 316,800*               | 150                          |
| 155                          | 58.0                 | 212.1                         | 117,600*                          | 58,900                                                               | 201,800*               | 146,100                                                              | 267,500*               | 198,500                                                              | 303,600*               | 155                          |
| 160                          | 56.5                 | 208.3                         | 109,500*                          | 52,600                                                               | 192,300*               | 136,900                                                              | 256,200*               | 187,500                                                              | 291,200*               | 160                          |
| 165                          | 55.1                 | 204.2                         | 101,900*                          | 46,700                                                               | 183,400*               | 128,300                                                              | 245,600*               | 177,300                                                              | 279,600*               | 165                          |
| 170                          | 53.5                 | 200.0                         | 94,800*                           | 41,200                                                               | 175,000*               | 120,200                                                              | 235,400*               | 167,600                                                              | 268,600*               | 170                          |
| 175                          | 52.0                 | 195.5                         | 88,000*                           | 35,900                                                               | 167,100*               | 112,500                                                              | 225,800*               | 158,500                                                              | 258,300*               | 175                          |
| 180                          | 50.4                 | 190.7                         | 81,600*                           | 31,000                                                               | 159,600*               | 105,300                                                              | 216,700*               | 149,900                                                              | 248,400*               | 180                          |
| 185                          | 48.8                 | 185.7                         | 75,500*                           | 26,300                                                               | 152,500*               | 98,400                                                               | 208,000*               | 141,800                                                              | 239,100*               | 185                          |
| 190                          | 47.1                 | 180.4                         | 69,800*                           | 21,800                                                               | 145,800*               | 91,900                                                               | 199,800*               | 134,100                                                              | 230,300*               | 190                          |
| 195                          | 45.4                 | 174.8                         | 64,300*                           | 17,500                                                               | 139,400*               | 85,700                                                               | 192,000*               | 126,700                                                              | 221,900*               | 195                          |
| 200                          | 43.6                 | 168.8                         | 59,100*                           | 13,500                                                               | 133,300*               | 79,800                                                               | 184,600*               | 119,700                                                              | 211,600*               | 200                          |
| 210                          | 39.8                 | 155.5                         | 49,300*                           | 5,800                                                                | 119,900*               | 68,800                                                               | 170,800*               | 106,600                                                              | 191,400*               | 210                          |
| 220                          | 35.6                 | 140.1                         | 40,200*                           |                                                                      | 107,500*               | 58,600                                                               | 155,100*               | 94,600                                                               | 172,600*               | 220                          |
| 230                          | 30.9                 | 121.7                         | 31,800*                           |                                                                      | 95,900*                | 49,100                                                               | 138,300*               | 83,400                                                               | 154,800*               | 230                          |
| 240                          | 25.1                 | 98.4                          | 23,700*                           |                                                                      | 85,000*                | 40,100                                                               | 121,800*               | 72,800                                                               | 137,300*               | 240                          |

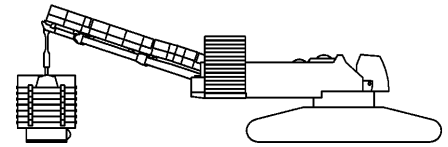


# Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
492,000 Lb. Crane Counterweight  
320,000 Lb. Carbody Counterweight  
0 Lb. thru 599,800 Lb. Hanging Counterweight  
at 59 Ft. Position  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements

## 18000 With 21000 MAX-ER



**180 Ft. Boom**

**90 Ft. Fixed Jib, 5 Degree Offset**

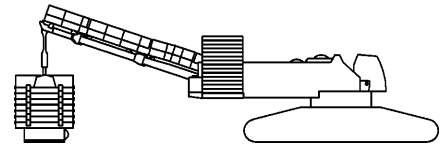
| Jib<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Feet | 0 Lb.<br>Hanging<br>Counterweight | 247,800 Lb.<br>Hanging Counterweight                                 |                        | 467,800 Lb.<br>Hanging Counterweight                                 |                        | 599,800 Lb.<br>Hanging Counterweight                                 |                        | Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------|----------------------|-------------------------------|-----------------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|------------------------------|
|                              |                      |                               | Jib Capacity<br>Pounds            | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds |                              |
| 65                           | 81.9                 | 274.9                         | 442,000*                          | 355,300                                                              | 610,000*               | 583,700                                                              | 724,300*               |                                                                      |                        | 65                           |
| 70                           | 80.8                 | 273.8                         | 402,400*                          | 316,200                                                              | 561,000*               | 526,100                                                              | 692,300*               |                                                                      |                        | 70                           |
| 75                           | 79.7                 | 272.5                         | 368,200*                          | 282,900                                                              | 518,400*               | 477,000                                                              | 641,100*               | 593,800                                                              | 714,800*               | 75                           |
| 80                           | 78.6                 | 271.1                         | 338,400*                          | 254,200                                                              | 480,900*               | 434,800                                                              | 596,200*               | 543,300                                                              | 665,300*               | 80                           |
| 85                           | 77.5                 | 269.6                         | 312,200*                          | 229,100                                                              | 447,700*               | 397,900                                                              | 556,400*               | 499,400                                                              | 621,600*               | 85                           |
| 90                           | 76.4                 | 268.0                         | 288,900*                          | 207,100                                                              | 418,200*               | 365,600                                                              | 520,900*               | 460,800                                                              | 582,600*               | 90                           |
| 95                           | 75.3                 | 266.3                         | 268,100*                          | 187,700                                                              | 391,100*               | 336,900                                                              | 489,100*               | 426,600                                                              | 547,500*               | 95                           |
| 100                          | 74.1                 | 264.4                         | 249,400*                          | 170,300                                                              | 366,200*               | 311,300                                                              | 460,300*               | 396,100                                                              | 515,900*               | 100                          |
| 105                          | 73.0                 | 262.5                         | 232,600*                          | 154,700                                                              | 343,600*               | 288,400                                                              | 434,300*               | 368,700                                                              | 487,300*               | 105                          |
| 110                          | 71.9                 | 260.5                         | 216,700                           | 140,500                                                              | 323,200*               | 267,600                                                              | 410,500*               | 344,000                                                              | 461,200*               | 110                          |
| 115                          | 70.7                 | 258.3                         | 201,100                           | 127,700                                                              | 304,500*               | 248,800                                                              | 388,800*               | 321,600                                                              | 437,300*               | 115                          |
| 120                          | 69.5                 | 256.0                         | 186,900                           | 116,100                                                              | 287,400*               | 231,700                                                              | 368,800*               | 301,200                                                              | 415,300*               | 120                          |
| 125                          | 68.4                 | 253.6                         | 174,000                           | 105,400                                                              | 271,700*               | 216,000                                                              | 350,400*               | 282,500                                                              | 395,100*               | 125                          |
| 130                          | 67.2                 | 251.1                         | 162,100                           | 95,500                                                               | 257,200*               | 201,600                                                              | 333,400*               | 265,300                                                              | 376,400*               | 130                          |
| 135                          | 66.0                 | 248.4                         | 151,300                           | 86,400                                                               | 243,800*               | 188,200                                                              | 317,600*               | 249,400                                                              | 359,000*               | 135                          |
| 140                          | 64.8                 | 245.6                         | 141,300                           | 78,000                                                               | 231,300*               | 175,900                                                              | 302,900*               | 234,800                                                              | 342,900*               | 140                          |
| 145                          | 63.5                 | 242.6                         | 132,100                           | 70,200                                                               | 219,700*               | 164,500                                                              | 289,200*               | 221,100                                                              | 327,800*               | 145                          |
| 150                          | 62.3                 | 239.5                         | 123,500                           | 63,000                                                               | 208,900*               | 153,800                                                              | 276,400*               | 208,500                                                              | 313,700*               | 150                          |
| 155                          | 61.0                 | 236.3                         | 114,800*                          | 56,200                                                               | 198,800*               | 143,900                                                              | 264,400*               | 196,600                                                              | 300,500*               | 155                          |
| 160                          | 59.7                 | 232.8                         | 106,600*                          | 49,800                                                               | 189,300*               | 134,600                                                              | 253,100*               | 185,600                                                              | 288,100*               | 160                          |
| 165                          | 58.4                 | 229.3                         | 98,900*                           | 43,800                                                               | 180,300*               | 125,900                                                              | 242,500*               | 175,200                                                              | 276,500*               | 165                          |
| 170                          | 57.1                 | 225.5                         | 91,700*                           | 38,200                                                               | 171,900*               | 117,700                                                              | 232,400*               | 165,400                                                              | 265,500*               | 170                          |
| 175                          | 55.7                 | 221.5                         | 84,900*                           | 32,900                                                               | 164,000*               | 109,900                                                              | 222,700*               | 156,200                                                              | 255,100*               | 175                          |
| 180                          | 54.4                 | 217.4                         | 78,500*                           | 27,900                                                               | 156,500*               | 102,600                                                              | 213,500*               | 147,600                                                              | 245,200*               | 180                          |
| 185                          | 53.0                 | 213.0                         | 72,400*                           | 23,100                                                               | 149,400*               | 95,700                                                               | 204,900*               | 139,400                                                              | 235,900*               | 185                          |
| 190                          | 51.5                 | 208.5                         | 66,600*                           | 18,600                                                               | 142,700*               | 89,200                                                               | 196,700*               | 131,600                                                              | 227,100*               | 190                          |
| 195                          | 50.1                 | 203.7                         | 61,100*                           | 14,300                                                               | 136,300*               | 82,900                                                               | 188,900*               | 124,200                                                              | 218,700*               | 195                          |
| 200                          | 48.5                 | 198.6                         | 55,800*                           | 10,200                                                               | 130,200*               | 77,000                                                               | 181,500*               | 117,200                                                              | 210,700*               | 200                          |
| 210                          | 45.4                 | 187.6                         | 46,000*                           | 2,600                                                                | 117,000*               | 66,000                                                               | 167,700*               | 104,100                                                              | 195,800*               | 210                          |
| 220                          | 42.0                 | 175.2                         | 37,100*                           |                                                                      | 104,700*               | 55,900                                                               | 155,000*               | 92,100                                                               | 180,700*               | 220                          |
| 230                          | 38.4                 | 161.2                         | 28,800*                           |                                                                      | 93,300*                | 46,500                                                               | 143,500*               | 81,100                                                               | 163,100*               | 230                          |
| 240                          | 34.3                 | 145.0                         | 21,000*                           |                                                                      | 82,700*                | 37,900                                                               | 130,300*               | 70,900                                                               | 146,600*               | 240                          |
| 250                          | 29.7                 | 125.6                         |                                   |                                                                      | 72,800*                | 29,700                                                               | 115,400*               | 61,200                                                               | 130,800*               | 250                          |

# Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
 492,000 Lb. Crane Counterweight  
 320,000 Lb. Carbody Counterweight  
 0 Lb. thru 599,800 Lb. Hanging Counterweight  
 at 59 Ft. Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

**18000 With  
 21000 MAX-ER**



## 200 Ft. Boom

### 90 Ft. Fixed Jib, 5 Degree Offset

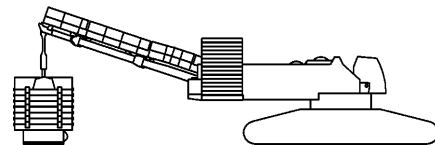
| Jib<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Feet | 0 Lb.<br>Hanging<br>Counterweight | 247,800 Lb.<br>Hanging Counterweight                                 |                        | 467,800 Lb.<br>Hanging Counterweight                                 |                        | 599,800 Lb.<br>Hanging Counterweight                                 |                        | Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------|----------------------|-------------------------------|-----------------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|------------------------------|
|                              |                      |                               | Jib Capacity<br>Pounds            | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds |                              |
| 65                           | 82.1                 | 295.6                         | 437,400*                          | 353,700                                                              | 605,000*               |                                                                      |                        |                                                                      |                        | 65                           |
| 70                           | 81.1                 | 294.5                         | 397,700*                          | 313,900                                                              | 556,000*               | 525,700                                                              | 638,400*               |                                                                      |                        | 70                           |
| 75                           | 80.1                 | 293.3                         | 363,500*                          | 280,100                                                              | 513,400*               | 475,900                                                              | 636,100*               |                                                                      |                        | 75                           |
| 80                           | 79.1                 | 292.0                         | 333,700*                          | 251,000                                                              | 475,900*               | 433,100                                                              | 591,200*               | 542,500                                                              | 638,400*               | 80                           |
| 85                           | 78.0                 | 290.7                         | 307,400*                          | 225,600                                                              | 442,700*               | 395,700                                                              | 551,400*               | 498,000                                                              | 616,600*               | 85                           |
| 90                           | 77.0                 | 289.2                         | 284,100*                          | 203,400                                                              | 413,200*               | 363,000                                                              | 515,900*               | 458,900                                                              | 577,500*               | 90                           |
| 95                           | 76.0                 | 287.6                         | 263,300*                          | 183,600                                                              | 386,300*               | 334,000                                                              | 484,100*               | 424,300                                                              | 542,500*               | 95                           |
| 100                          | 74.9                 | 285.9                         | 244,600*                          | 166,000                                                              | 361,400*               | 308,100                                                              | 455,300*               | 393,500                                                              | 510,900*               | 100                          |
| 105                          | 73.9                 | 284.1                         | 227,800*                          | 150,200                                                              | 338,800*               | 284,900                                                              | 429,300*               | 365,800                                                              | 482,300*               | 105                          |
| 110                          | 72.8                 | 282.2                         | 212,400*                          | 136,000                                                              | 318,300*               | 263,900                                                              | 405,500*               | 340,800                                                              | 456,200*               | 110                          |
| 115                          | 71.8                 | 280.3                         | 196,900                           | 123,000                                                              | 299,700*               | 244,900                                                              | 383,800*               | 318,200                                                              | 432,300*               | 115                          |
| 120                          | 70.7                 | 278.2                         | 182,700                           | 111,200                                                              | 282,600*               | 227,600                                                              | 363,800*               | 297,500                                                              | 410,300*               | 120                          |
| 125                          | 69.6                 | 275.9                         | 169,700                           | 100,400                                                              | 266,900*               | 211,800                                                              | 345,400*               | 278,700                                                              | 390,100*               | 125                          |
| 130                          | 68.5                 | 273.6                         | 157,900                           | 90,500                                                               | 252,400*               | 197,200                                                              | 328,400*               | 261,300                                                              | 371,400*               | 130                          |
| 135                          | 67.4                 | 271.2                         | 147,000                           | 81,400                                                               | 238,900*               | 183,800                                                              | 312,600*               | 245,300                                                              | 354,000*               | 135                          |
| 140                          | 66.3                 | 268.6                         | 137,000                           | 72,900                                                               | 226,500*               | 171,300                                                              | 297,900*               | 230,500                                                              | 337,900*               | 140                          |
| 145                          | 65.2                 | 265.9                         | 127,500*                          | 65,000                                                               | 214,900*               | 159,800                                                              | 284,200*               | 216,800                                                              | 322,800*               | 145                          |
| 150                          | 64.1                 | 263.1                         | 118,100*                          | 57,700                                                               | 204,100*               | 149,100                                                              | 271,400*               | 204,000                                                              | 308,700*               | 150                          |
| 155                          | 62.9                 | 260.2                         | 109,400*                          | 50,800                                                               | 193,900*               | 139,100                                                              | 259,400*               | 192,100                                                              | 295,600*               | 155                          |
| 160                          | 61.8                 | 257.1                         | 101,200*                          | 44,400                                                               | 184,500*               | 129,700                                                              | 248,100*               | 181,000                                                              | 283,200*               | 160                          |
| 165                          | 60.6                 | 253.9                         | 93,500*                           | 38,400                                                               | 175,500*               | 120,900                                                              | 237,500*               | 170,500                                                              | 271,500*               | 165                          |
| 170                          | 59.4                 | 250.5                         | 86,300*                           | 32,800                                                               | 167,100*               | 112,700                                                              | 227,500*               | 160,700                                                              | 260,500*               | 170                          |
| 175                          | 58.2                 | 247.0                         | 79,400*                           | 27,400                                                               | 159,200*               | 104,900                                                              | 217,900*               | 151,500                                                              | 250,200*               | 175                          |
| 180                          | 57.0                 | 243.3                         | 73,000*                           | 22,400                                                               | 151,700*               | 97,600                                                               | 208,800*               | 142,800                                                              | 240,300*               | 180                          |
| 185                          | 55.7                 | 239.4                         | 66,900*                           | 17,600                                                               | 144,700*               | 90,600                                                               | 200,100*               | 134,500                                                              | 231,100*               | 185                          |
| 190                          | 54.5                 | 235.4                         | 61,100*                           | 13,100                                                               | 137,900*               | 84,100                                                               | 191,900*               | 126,700                                                              | 222,200*               | 190                          |
| 195                          | 53.2                 | 231.1                         | 55,600*                           | 8,800                                                                | 131,600*               | 77,800                                                               | 184,200*               | 119,300                                                              | 213,800*               | 195                          |
| 200                          | 51.9                 | 226.7                         | 50,300*                           | 4,700                                                                | 125,400*               | 71,900                                                               | 176,800*               | 112,300                                                              | 205,900*               | 200                          |
| 210                          | 49.1                 | 217.2                         | 40,600*                           |                                                                      | 111,900*               | 60,900                                                               | 163,000*               | 99,200                                                               | 191,000*               | 210                          |
| 220                          | 46.3                 | 206.8                         | 31,700*                           |                                                                      | 99,600*                | 50,800                                                               | 150,500*               | 87,300                                                               | 177,400*               | 220                          |
| 230                          | 43.3                 | 195.2                         | 23,500*                           |                                                                      | 88,300*                | 41,600                                                               | 139,000*               | 76,400                                                               | 165,000*               | 230                          |
| 240                          | 40.0                 | 182.2                         | 15,900*                           |                                                                      | 77,900*                | 33,100                                                               | 128,400*               | 66,300                                                               | 150,600*               | 240                          |
| 250                          | 36.5                 | 167.5                         |                                   |                                                                      | 68,200*                | 25,100                                                               | 118,600*               | 56,900                                                               | 135,300*               | 250                          |
| 260                          | 32.6                 | 150.6                         |                                   |                                                                      | 59,100*                | 17,700                                                               | 105,600*               | 48,100                                                               | 120,700*               | 260                          |
| 270                          | 28.2                 | 130.4                         |                                   |                                                                      | 50,500*                | 10,600                                                               | 92,300*                | 39,800                                                               | 106,700*               | 270                          |

# Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
492,000 Lb. Crane Counterweight  
320,000 Lb. Carbody Counterweight  
0 Lb. thru 599,800 Lb. Hanging Counterweight  
at 59 Ft. Position  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements

**18000 With  
21000 MAX-ER**



## 220 Ft. Boom 90 Ft. Fixed Jib, 5 Degree Offset

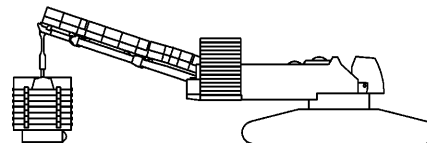
| Jib<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Feet | 247,800 Lb.<br>Hanging Counterweight                                 |                        | 467,800 Lb.<br>Hanging Counterweight                                 |                        | 599,800 Lb.<br>Hanging Counterweight                                 |                        | Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------|----------------------|-------------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|------------------------------|
|                              |                      |                               | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds |                              |
| 70                           | 81.9                 | 314.8                         | 315,400                                                              | 547,600*               |                                                                      |                        |                                                                      |                        | 70                           |
| 75                           | 80.9                 | 313.7                         | 280,800                                                              | 510,700*               |                                                                      |                        |                                                                      |                        | 75                           |
| 80                           | 80.0                 | 312.5                         | 251,000                                                              | 473,100*               | 434,400                                                              | 547,600*               |                                                                      |                        | 80                           |
| 85                           | 79.0                 | 311.2                         | 225,100                                                              | 439,800*               | 396,400                                                              | 547,600*               |                                                                      |                        | 85                           |
| 90                           | 78.1                 | 309.8                         | 202,300                                                              | 410,000*               | 363,100                                                              | 512,800*               | 459,700                                                              | 547,600*               | 90                           |
| 95                           | 77.1                 | 308.3                         | 182,200                                                              | 383,400*               | 333,500                                                              | 480,800*               | 424,500                                                              | 539,300*               | 95                           |
| 100                          | 76.1                 | 306.8                         | 164,200                                                              | 358,300*               | 307,200                                                              | 452,000*               | 393,200                                                              | 507,600*               | 100                          |
| 105                          | 75.2                 | 305.1                         | 148,100                                                              | 335,700*               | 283,600                                                              | 425,800*               | 365,100                                                              | 478,900*               | 105                          |
| 110                          | 74.2                 | 303.4                         | 133,600                                                              | 315,100*               | 262,300                                                              | 402,000*               | 339,700                                                              | 452,700*               | 110                          |
| 115                          | 73.2                 | 301.5                         | 120,400                                                              | 296,300*               | 243,000                                                              | 380,200*               | 316,700                                                              | 428,700*               | 115                          |
| 120                          | 72.2                 | 299.6                         | 108,400                                                              | 279,200*               | 225,400                                                              | 360,200*               | 295,800                                                              | 406,700*               | 120                          |
| 125                          | 71.2                 | 297.5                         | 97,400                                                               | 263,400*               | 209,300                                                              | 341,700*               | 276,600                                                              | 386,400*               | 125                          |
| 130                          | 70.2                 | 295.4                         | 87,200                                                               | 248,800*               | 194,500                                                              | 324,600*               | 259,000                                                              | 367,600*               | 130                          |
| 135                          | 69.2                 | 293.1                         | 77,900                                                               | 235,300*               | 180,900                                                              | 308,800*               | 242,800                                                              | 350,200*               | 135                          |
| 140                          | 68.2                 | 290.8                         | 69,300                                                               | 222,800*               | 168,300                                                              | 294,100*               | 227,800                                                              | 334,000*               | 140                          |
| 145                          | 67.1                 | 288.3                         | 61,300                                                               | 211,200*               | 156,600                                                              | 280,300*               | 213,900                                                              | 318,900*               | 145                          |
| 150                          | 66.1                 | 285.7                         | 53,800                                                               | 200,300*               | 145,700                                                              | 267,500*               | 201,000                                                              | 304,800*               | 150                          |
| 155                          | 65.1                 | 283.0                         | 46,800                                                               | 190,100*               | 135,600                                                              | 255,400*               | 188,900                                                              | 291,600*               | 155                          |
| 160                          | 64.0                 | 280.2                         | 40,300                                                               | 180,600*               | 126,100                                                              | 244,100*               | 177,600                                                              | 279,100*               | 160                          |
| 165                          | 62.9                 | 277.3                         | 34,200                                                               | 171,600*               | 117,200                                                              | 233,500*               | 167,000                                                              | 267,500*               | 165                          |
| 170                          | 61.8                 | 274.2                         | 28,500                                                               | 163,200*               | 108,800                                                              | 223,500*               | 157,100                                                              | 256,500*               | 170                          |
| 175                          | 60.7                 | 271.0                         | 23,100                                                               | 155,200*               | 100,900                                                              | 213,900*               | 147,800                                                              | 246,100*               | 175                          |
| 180                          | 59.6                 | 267.6                         | 18,000                                                               | 147,700*               | 93,500                                                               | 204,800*               | 138,900                                                              | 236,200*               | 180                          |
| 185                          | 58.5                 | 264.1                         | 13,100                                                               | 140,600*               | 86,500                                                               | 196,100*               | 130,600                                                              | 226,900*               | 185                          |
| 190                          | 57.4                 | 260.5                         | 8,500                                                                | 133,900*               | 79,900                                                               | 187,900*               | 122,700                                                              | 218,000*               | 190                          |
| 195                          | 56.2                 | 256.7                         | 4,200                                                                | 127,500*               | 73,600                                                               | 180,100*               | 115,300                                                              | 209,600*               | 195                          |
| 200                          | 55.0                 | 252.8                         | 100                                                                  | 120,900*               | 67,600                                                               | 172,700*               | 108,200                                                              | 201,600*               | 200                          |
| 210                          | 52.6                 | 244.3                         |                                                                      | 107,300*               | 56,500                                                               | 158,900*               | 95,000                                                               | 186,800*               | 210                          |
| 220                          | 50.1                 | 235.1                         |                                                                      | 95,000*                | 46,300                                                               | 146,300*               | 83,000                                                               | 173,200*               | 220                          |
| 230                          | 47.5                 | 225.1                         |                                                                      | 83,600*                | 37,100                                                               | 134,800*               | 72,000                                                               | 160,700*               | 230                          |
| 240                          | 44.7                 | 214.0                         |                                                                      | 73,200*                | 28,500                                                               | 124,200*               | 61,900                                                               | 149,200*               | 240                          |
| 250                          | 41.8                 | 201.8                         |                                                                      | 63,600*                | 20,600                                                               | 114,400*               | 52,600                                                               | 138,600*               | 250                          |
| 260                          | 38.7                 | 188.2                         |                                                                      | 54,600*                | 13,200                                                               | 105,300*               | 43,900                                                               | 124,200*               | 260                          |
| 270                          | 35.3                 | 172.8                         |                                                                      | 46,100*                | 6,300                                                                | 94,900*                | 35,700                                                               | 110,600*               | 270                          |
| 280                          | 31.6                 | 155.1                         |                                                                      | 38,200*                |                                                                      | 83,400*                | 28,000                                                               | 97,600*                | 280                          |
| 290                          | 27.3                 | 134.1                         |                                                                      | 30,600*                |                                                                      | 71,500*                | 20,600                                                               | 85,000*                | 290                          |

# Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
 492,000 Lb. Crane Counterweight  
 320,000 Lb. Carbody Counterweight  
 0 Lb. thru 599,800 Lb. Hanging Counterweight  
 at 59 Ft. Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

## 18000 With 21000 MAX-ER



### 240 Ft. Boom

### 90 Ft. Fixed Jib, 5 Degree Offset

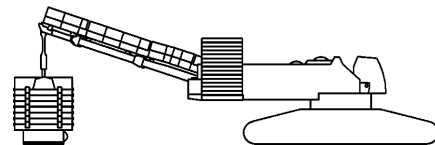
| Jib<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Feet | 247,800 Lb.<br>Hanging Counterweight                                 |                        | 467,800 Lb.<br>Hanging Counterweight                                 |                        | 599,800 Lb.<br>Hanging Counterweight                                 |                        | Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------|----------------------|-------------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|------------------------------|
|                              |                      |                               | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds |                              |
| 75                           | 81.6                 | 334.0                         | 282,300                                                              | 472,500*               |                                                                      |                        |                                                                      |                        | 75                           |
| 80                           | 80.7                 | 332.9                         | 252,000                                                              | 471,200*               |                                                                      |                        |                                                                      |                        | 80                           |
| 85                           | 79.8                 | 331.7                         | 225,600                                                              | 437,800*               | 398,100                                                              | 472,500*               |                                                                      |                        | 85                           |
| 90                           | 78.9                 | 330.4                         | 202,400                                                              | 408,000*               | 364,200                                                              | 472,500*               |                                                                      |                        | 90                           |
| 95                           | 78.0                 | 329.0                         | 181,900                                                              | 381,200*               | 334,200                                                              | 472,500*               |                                                                      |                        | 95                           |
| 100                          | 77.1                 | 327.6                         | 163,700                                                              | 356,300*               | 307,500                                                              | 449,800*               | 394,000                                                              | 472,500*               | 100                          |
| 105                          | 76.2                 | 326.0                         | 147,300                                                              | 333,600*               | 283,600                                                              | 423,600*               | 365,500                                                              | 472,500*               | 105                          |
| 110                          | 75.3                 | 324.4                         | 132,500                                                              | 313,000*               | 262,000                                                              | 399,700*               | 339,800                                                              | 450,300*               | 110                          |
| 115                          | 74.4                 | 322.7                         | 119,100                                                              | 294,100*               | 242,400                                                              | 377,800*               | 316,500                                                              | 426,300*               | 115                          |
| 120                          | 73.5                 | 320.8                         | 106,900                                                              | 276,900*               | 224,600                                                              | 357,700*               | 295,300                                                              | 404,200*               | 120                          |
| 125                          | 72.5                 | 318.9                         | 95,700                                                               | 261,000*               | 208,200                                                              | 339,200*               | 275,900                                                              | 383,900*               | 125                          |
| 130                          | 71.6                 | 316.9                         | 85,400                                                               | 246,400*               | 193,300                                                              | 322,100*               | 258,100                                                              | 365,100*               | 130                          |
| 135                          | 70.7                 | 314.9                         | 75,900                                                               | 232,900*               | 179,500                                                              | 306,200*               | 241,700                                                              | 347,600*               | 135                          |
| 140                          | 69.7                 | 312.7                         | 67,200                                                               | 220,300*               | 166,700                                                              | 291,500*               | 226,500                                                              | 331,400*               | 140                          |
| 145                          | 68.8                 | 310.4                         | 59,100                                                               | 208,700*               | 154,900                                                              | 277,700*               | 212,500                                                              | 316,300*               | 145                          |
| 150                          | 67.8                 | 308.0                         | 51,500                                                               | 197,800*               | 143,900                                                              | 264,800*               | 199,400                                                              | 302,100*               | 150                          |
| 155                          | 66.8                 | 305.5                         | 44,400                                                               | 187,600*               | 133,600                                                              | 252,700*               | 187,200                                                              | 288,900*               | 155                          |
| 160                          | 65.9                 | 302.9                         | 37,800                                                               | 178,000*               | 124,000                                                              | 241,400*               | 175,800                                                              | 276,400*               | 160                          |
| 165                          | 64.9                 | 300.2                         | 31,600                                                               | 169,000*               | 115,000                                                              | 230,700*               | 165,100                                                              | 264,700*               | 165                          |
| 170                          | 63.9                 | 297.3                         | 25,800                                                               | 160,500*               | 106,500                                                              | 220,700*               | 155,100                                                              | 253,700*               | 170                          |
| 175                          | 62.9                 | 294.4                         | 20,400                                                               | 152,600*               | 98,600                                                               | 211,200*               | 145,600                                                              | 243,300*               | 175                          |
| 180                          | 61.8                 | 291.3                         | 15,200                                                               | 145,000*               | 91,100                                                               | 202,100*               | 136,700                                                              | 233,400*               | 180                          |
| 185                          | 60.8                 | 288.1                         | 10,300                                                               | 137,900*               | 84,000                                                               | 193,400*               | 128,300                                                              | 224,100*               | 185                          |
| 190                          | 59.8                 | 284.8                         | 5,700                                                                | 131,100*               | 77,300                                                               | 185,100*               | 120,400                                                              | 215,200*               | 190                          |
| 195                          | 58.7                 | 281.4                         | 1,300                                                                | 124,700*               | 71,000                                                               | 177,300*               | 112,800                                                              | 206,800*               | 195                          |
| 200                          | 57.7                 | 277.8                         |                                                                      | 118,100*               | 64,900                                                               | 169,900*               | 105,700                                                              | 198,800*               | 200                          |
| 210                          | 55.5                 | 270.2                         |                                                                      | 104,500*               | 53,700                                                               | 156,100*               | 92,400                                                               | 183,900*               | 210                          |
| 220                          | 53.2                 | 261.9                         |                                                                      | 92,100*                | 43,500                                                               | 143,500*               | 80,300                                                               | 170,300*               | 220                          |
| 230                          | 50.9                 | 253.0                         |                                                                      | 80,700*                | 34,200                                                               | 132,000*               | 69,300                                                               | 157,800*               | 230                          |
| 240                          | 48.5                 | 243.3                         |                                                                      | 70,200*                | 25,600                                                               | 121,400*               | 59,200                                                               | 146,400*               | 240                          |
| 250                          | 45.9                 | 232.7                         |                                                                      | 60,600*                | 17,700                                                               | 111,700*               | 49,800                                                               | 135,800*               | 250                          |
| 260                          | 43.3                 | 221.1                         |                                                                      | 51,600*                | 10,300                                                               | 102,600*               | 41,100                                                               | 125,900*               | 260                          |
| 270                          | 40.5                 | 208.3                         |                                                                      | 43,300*                | 3,500                                                                | 92,200*                | 33,000                                                               | 114,700*               | 270                          |
| 280                          | 37.5                 | 194.1                         |                                                                      | 35,400*                |                                                                      | 82,600*                | 25,500                                                               | 101,900*               | 280                          |
| 290                          | 34.2                 | 178.0                         |                                                                      | 28,000*                |                                                                      | 73,400*                | 18,300                                                               | 89,800*                | 290                          |
| 300                          | 30.5                 | 159.6                         |                                                                      | 21,000*                |                                                                      | 64,800*                | 11,500                                                               | 78,200*                | 300                          |
| 310                          | 26.4                 | 137.8                         |                                                                      |                        |                                                                      | 54,000*                | 4,900                                                                | 66,800*                | 310                          |

# Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
492,000 Lb. Crane Counterweight  
320,000 Lb. Carbody Counterweight  
0 Lb. thru 599,800 Lb. Hanging Counterweight  
at 59 Ft. Position  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements

**18000 With  
21000 MAX-ER**



## 260 Ft. Boom 90 Ft. Fixed Jib, 5 Degree Offset

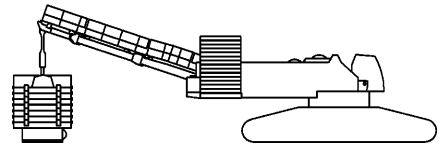
| Jib<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Feet | 247,800 Lb.<br>Hanging Counterweight                                 |                        | 467,800 Lb.<br>Hanging Counterweight                                 |                        | 599,800 Lb.<br>Hanging Counterweight                                 |                        | Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------|----------------------|-------------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|------------------------------|
|                              |                      |                               | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds |                              |
| 75                           | 81.7                 | 354.8                         | 277,500                                                              | 402,200*               |                                                                      |                        |                                                                      |                        | 75                           |
| 80                           | 80.9                 | 353.7                         | 246,900                                                              | 402,200*               |                                                                      |                        |                                                                      |                        | 80                           |
| 85                           | 80.1                 | 352.6                         | 220,300                                                              | 402,200*               |                                                                      |                        |                                                                      |                        | 85                           |
| 90                           | 79.2                 | 351.4                         | 197,000                                                              | 402,200*               |                                                                      |                        |                                                                      |                        | 90                           |
| 95                           | 78.4                 | 350.1                         | 176,400                                                              | 375,500*               | 329,500                                                              | 402,200*               |                                                                      |                        | 95                           |
| 100                          | 77.5                 | 348.7                         | 158,000                                                              | 350,800*               | 302,600                                                              | 402,200*               |                                                                      |                        | 100                          |
| 105                          | 76.7                 | 347.3                         | 141,500                                                              | 328,100*               | 278,500                                                              | 402,200*               |                                                                      |                        | 105                          |
| 110                          | 75.8                 | 345.7                         | 126,700                                                              | 307,500*               | 256,800                                                              | 394,100*               | 335,000                                                              | 402,200*               | 110                          |
| 115                          | 75.0                 | 344.1                         | 113,200                                                              | 288,700*               | 237,100                                                              | 372,200*               | 311,600                                                              | 402,200*               | 115                          |
| 120                          | 74.1                 | 342.4                         | 100,900                                                              | 271,500*               | 219,200                                                              | 352,200*               | 290,300                                                              | 398,700*               | 120                          |
| 125                          | 73.2                 | 340.6                         | 89,700                                                               | 255,700*               | 202,800                                                              | 333,700*               | 270,800                                                              | 378,400*               | 125                          |
| 130                          | 72.4                 | 338.8                         | 79,400                                                               | 241,100*               | 187,800                                                              | 316,600*               | 252,900                                                              | 359,600*               | 130                          |
| 135                          | 71.5                 | 336.8                         | 69,900                                                               | 227,600*               | 173,900                                                              | 300,800*               | 236,400                                                              | 342,200*               | 135                          |
| 140                          | 70.6                 | 334.8                         | 61,100                                                               | 215,100*               | 161,100                                                              | 286,000*               | 221,200                                                              | 326,000*               | 140                          |
| 145                          | 69.7                 | 332.7                         | 53,000                                                               | 203,400*               | 149,200                                                              | 272,300*               | 207,100                                                              | 310,900*               | 145                          |
| 150                          | 68.8                 | 330.4                         | 45,400                                                               | 192,500*               | 138,200                                                              | 259,400*               | 193,900                                                              | 296,700*               | 150                          |
| 155                          | 67.9                 | 328.1                         | 38,300                                                               | 182,300*               | 127,900                                                              | 247,400*               | 181,700                                                              | 283,500*               | 155                          |
| 160                          | 67.0                 | 325.7                         | 31,700                                                               | 172,800*               | 118,200                                                              | 236,100*               | 170,300                                                              | 271,100*               | 160                          |
| 165                          | 66.1                 | 323.2                         | 25,500                                                               | 163,800*               | 109,200                                                              | 225,400*               | 159,500                                                              | 259,400*               | 165                          |
| 170                          | 65.2                 | 320.6                         | 19,700                                                               | 155,400*               | 100,800                                                              | 215,400*               | 149,500                                                              | 248,400*               | 170                          |
| 175                          | 64.2                 | 317.8                         | 14,200                                                               | 147,400*               | 92,800                                                               | 205,900*               | 140,000                                                              | 238,000*               | 175                          |
| 180                          | 63.3                 | 315.0                         | 9,100                                                                | 139,900*               | 85,300                                                               | 196,900*               | 131,100                                                              | 228,200*               | 180                          |
| 185                          | 62.3                 | 312.1                         | 4,200                                                                | 132,800*               | 78,200                                                               | 188,300*               | 122,700                                                              | 218,900*               | 185                          |
| 190                          | 61.4                 | 309.0                         |                                                                      | 126,100*               | 71,500                                                               | 180,100*               | 114,700                                                              | 210,000*               | 190                          |
| 195                          | 60.4                 | 305.9                         |                                                                      | 119,500*               | 65,100                                                               | 172,300*               | 107,200                                                              | 201,600*               | 195                          |
| 200                          | 59.4                 | 302.6                         |                                                                      | 112,200*               | 59,100                                                               | 164,800*               | 100,000                                                              | 193,600*               | 200                          |
| 210                          | 57.5                 | 295.6                         |                                                                      | 98,500*                | 47,900                                                               | 151,100*               | 86,700                                                               | 178,800*               | 210                          |
| 220                          | 55.4                 | 288.1                         |                                                                      | 86,100*                | 37,700                                                               | 138,500*               | 74,700                                                               | 165,200*               | 220                          |
| 230                          | 53.3                 | 280.1                         |                                                                      | 74,800*                | 28,400                                                               | 127,100*               | 63,600                                                               | 152,800*               | 230                          |
| 240                          | 51.1                 | 271.4                         |                                                                      | 64,400*                | 19,900                                                               | 116,500*               | 53,500                                                               | 141,400*               | 240                          |
| 250                          | 48.9                 | 262.0                         |                                                                      | 54,800*                | 12,000                                                               | 106,800*               | 44,200                                                               | 130,900*               | 250                          |
| 260                          | 46.6                 | 251.8                         |                                                                      | 45,900*                | 4,700                                                                | 97,000*                | 35,600                                                               | 121,100*               | 260                          |
| 270                          | 44.1                 | 240.7                         |                                                                      | 37,600*                |                                                                      | 86,800*                | 27,600                                                               | 112,000*               | 270                          |
| 280                          | 41.6                 | 228.6                         |                                                                      | 29,900*                |                                                                      | 77,200*                | 20,100                                                               | 102,200*               | 280                          |
| 290                          | 38.8                 | 215.3                         |                                                                      | 22,700*                |                                                                      | 68,200*                | 13,100                                                               | 90,200*                | 290                          |
| 300                          | 35.9                 | 200.6                         |                                                                      | 15,800*                |                                                                      | 59,800*                | 6,500                                                                | 78,900*                | 300                          |
| 310                          | 32.8                 | 184.0                         |                                                                      |                        |                                                                      | 51,800*                | 200                                                                  | 68,100*                | 310                          |
| 320                          | 29.3                 | 165.0                         |                                                                      |                        |                                                                      | 44,200*                |                                                                      | 57,700*                | 320                          |
| 330                          | 25.2                 | 142.5                         |                                                                      |                        |                                                                      | 35,500*                |                                                                      | 47,500*                | 330                          |

# Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
 492,000 Lb. Crane Counterweight  
 320,000 Lb. Carbody Counterweight  
 0 Lb. thru 599,800 Lb. Hanging Counterweight  
 at 59 Ft. Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

**18000 With  
 21000 MAX-ER**



## 280 Ft. Boom 90 Ft. Fixed Jib, 5 Degree Offset

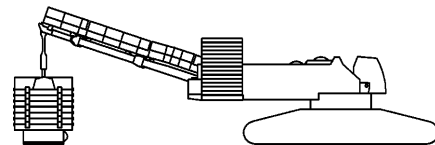
| Jib<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Feet | 467,800 Lb.<br>Hanging Counterweight                                 |                        | 599,800 Lb.<br>Hanging Counterweight                                 |                        |
|------------------------------|----------------------|-------------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|
|                              |                      |                               | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds |
| 105                          | 77.5                 | 367.9                         | 277,800                                                              | 345,000*               |                                                                      |                        |
| 110                          | 76.7                 | 366.5                         | 255,800                                                              | 345,000*               |                                                                      |                        |
| 115                          | 75.9                 | 365.0                         | 235,900                                                              | 345,000*               |                                                                      |                        |
| 120                          | 75.1                 | 363.4                         | 217,800                                                              | 345,000*               | 289,200                                                              | 345,000*               |
| 125                          | 74.3                 | 361.7                         | 201,200                                                              | 330,900*               | 269,500                                                              | 345,000*               |
| 130                          | 73.5                 | 360.0                         | 186,000                                                              | 313,800*               | 251,400                                                              | 345,000*               |
| 135                          | 72.6                 | 358.1                         | 171,900                                                              | 297,900*               | 234,700                                                              | 339,300*               |
| 140                          | 71.8                 | 356.2                         | 159,000                                                              | 283,200*               | 219,300                                                              | 323,100*               |
| 145                          | 71.0                 | 354.2                         | 147,000                                                              | 269,400*               | 205,100                                                              | 308,000*               |
| 150                          | 70.1                 | 352.1                         | 135,800                                                              | 256,500*               | 191,800                                                              | 293,800*               |
| 155                          | 69.3                 | 349.9                         | 125,400                                                              | 244,400*               | 179,500                                                              | 280,600*               |
| 160                          | 68.5                 | 347.7                         | 115,700                                                              | 233,100*               | 167,900                                                              | 268,100*               |
| 165                          | 67.6                 | 345.3                         | 106,600                                                              | 222,500*               | 157,100                                                              | 256,400*               |
| 170                          | 66.7                 | 342.9                         | 98,000                                                               | 212,400*               | 147,000                                                              | 245,400*               |
| 175                          | 65.9                 | 340.4                         | 90,000                                                               | 202,900*               | 137,400                                                              | 235,000*               |
| 180                          | 65.0                 | 337.7                         | 82,400                                                               | 194,000*               | 128,400                                                              | 225,100*               |
| 185                          | 64.1                 | 335.0                         | 75,300                                                               | 185,300*               | 119,900                                                              | 215,800*               |
| 190                          | 63.2                 | 332.2                         | 68,500                                                               | 177,100*               | 111,900                                                              | 207,000*               |
| 195                          | 62.3                 | 329.2                         | 62,100                                                               | 169,300*               | 104,300                                                              | 198,600*               |
| 200                          | 61.4                 | 326.2                         | 56,000                                                               | 161,900*               | 97,100                                                               | 190,600*               |
| 210                          | 59.6                 | 319.8                         | 44,700                                                               | 148,100*               | 83,700                                                               | 175,700*               |
| 220                          | 57.7                 | 312.9                         | 34,500                                                               | 135,500*               | 71,600                                                               | 162,100*               |
| 230                          | 55.8                 | 305.5                         | 25,100                                                               | 124,000*               | 60,500                                                               | 149,700*               |
| 240                          | 53.8                 | 297.6                         | 16,500                                                               | 113,500*               | 50,300                                                               | 138,300*               |
| 250                          | 51.8                 | 289.1                         | 8,600                                                                | 103,800*               | 41,000                                                               | 127,700*               |
| 260                          | 49.7                 | 279.9                         | 1,300                                                                | 93,700*                | 32,300                                                               | 118,000*               |
| 270                          | 47.5                 | 270.0                         |                                                                      | 83,400*                | 24,300                                                               | 108,900*               |
| 280                          | 45.2                 | 259.4                         |                                                                      | 73,800*                | 16,800                                                               | 100,400*               |
| 290                          | 42.9                 | 247.8                         |                                                                      | 64,900*                | 9,800                                                                | 92,200*                |
| 300                          | 40.4                 | 235.2                         |                                                                      | 56,500*                | 3,200                                                                | 80,900*                |
| 310                          | 37.8                 | 221.4                         |                                                                      | 48,600*                |                                                                      | 70,300*                |
| 320                          | 34.9                 | 206.1                         |                                                                      | 41,100*                |                                                                      | 60,100*                |
| 330                          | 31.8                 | 188.9                         |                                                                      | 34,000*                |                                                                      | 50,400*                |
| 340                          | 28.4                 | 169.2                         |                                                                      | 27,200*                |                                                                      | 40,900*                |
| 350                          | 24.5                 | 145.9                         |                                                                      | 20,200*                |                                                                      | 31,600*                |

# Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
 492,000 Lb. Crane Counterweight  
 320,000 Lb. Carbody Counterweight  
 0 Lb. thru 599,800 Lb. Hanging Counterweight  
 at 59 Ft. Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

**18000 With  
 21000 MAX-ER**



## 300 Ft. Boom

### 90 Ft. Fixed Jib, 5 Degree Offset

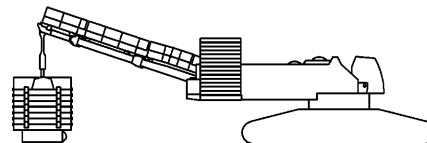
| Jib<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Feet | 467,800 Lb.<br>Hanging Counterweight                                 |                        | 599,800 Lb.<br>Hanging Counterweight                                 |                        |
|------------------------------|----------------------|-------------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|
|                              |                      |                               | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds |
| 115                          | 76.7                 | 385.8                         | 233,200                                                              | 296,700*               |                                                                      |                        |
| 120                          | 76.0                 | 384.3                         | 214,900                                                              | 296,700*               |                                                                      |                        |
| 125                          | 75.2                 | 382.7                         | 198,100                                                              | 296,700*               |                                                                      |                        |
| 130                          | 74.4                 | 381.0                         | 182,700                                                              | 296,700*               | 248,400                                                              | 296,700*               |
| 135                          | 73.6                 | 379.3                         | 168,500                                                              | 294,000*               | 231,600                                                              | 296,700*               |
| 140                          | 72.9                 | 377.5                         | 155,400                                                              | 279,100*               | 216,000                                                              | 296,700*               |
| 145                          | 72.1                 | 375.6                         | 143,300                                                              | 265,300*               | 201,600                                                              | 296,700*               |
| 150                          | 71.3                 | 373.6                         | 132,000                                                              | 252,400*               | 188,200                                                              | 289,800*               |
| 155                          | 70.5                 | 371.6                         | 121,500                                                              | 240,300*               | 175,700                                                              | 276,500*               |
| 160                          | 69.7                 | 369.5                         | 111,600                                                              | 229,000*               | 164,100                                                              | 264,000*               |
| 165                          | 68.9                 | 367.3                         | 102,400                                                              | 218,300*               | 153,100                                                              | 252,300*               |
| 170                          | 68.1                 | 365.0                         | 93,800                                                               | 208,200*               | 142,900                                                              | 241,200*               |
| 175                          | 67.3                 | 362.6                         | 85,700                                                               | 198,700*               | 133,300                                                              | 230,800*               |
| 180                          | 66.5                 | 360.1                         | 78,000                                                               | 189,700*               | 124,200                                                              | 220,900*               |
| 185                          | 65.6                 | 357.6                         | 70,800                                                               | 181,200*               | 115,600                                                              | 211,600*               |
| 190                          | 64.8                 | 354.9                         | 63,900                                                               | 173,000*               | 107,500                                                              | 202,700*               |
| 195                          | 64.0                 | 352.2                         | 57,500                                                               | 165,100*               | 99,800                                                               | 194,300*               |
| 200                          | 63.1                 | 349.4                         | 51,300                                                               | 157,700*               | 92,600                                                               | 186,300*               |
| 210                          | 61.4                 | 343.4                         | 39,900                                                               | 143,900*               | 79,100                                                               | 171,400*               |
| 220                          | 59.7                 | 337.0                         | 29,600                                                               | 131,300*               | 66,800                                                               | 157,800*               |
| 230                          | 57.9                 | 330.2                         | 20,200                                                               | 119,800*               | 55,700                                                               | 145,300*               |
| 240                          | 56.1                 | 322.9                         | 11,500                                                               | 109,200*               | 45,500                                                               | 133,900*               |
| 250                          | 54.2                 | 315.1                         | 3,600                                                                | 98,900*                | 36,100                                                               | 123,400*               |
| 260                          | 52.3                 | 306.7                         |                                                                      | 88,400*                | 27,400                                                               | 113,600*               |
| 270                          | 50.3                 | 297.8                         |                                                                      | 78,300*                | 19,300                                                               | 104,500*               |
| 280                          | 48.3                 | 288.2                         |                                                                      | 68,800*                | 11,800                                                               | 96,100*                |
| 290                          | 46.2                 | 277.9                         |                                                                      | 59,800*                | 4,800                                                                | 86,900*                |
| 300                          | 44.0                 | 266.8                         |                                                                      | 51,500*                |                                                                      | 78,000*                |
| 310                          | 41.7                 | 254.8                         |                                                                      | 43,600*                |                                                                      | 69,200*                |
| 320                          | 39.3                 | 241.7                         |                                                                      | 36,100*                |                                                                      | 59,800*                |
| 330                          | 36.7                 | 227.3                         |                                                                      | 29,100*                |                                                                      | 50,200*                |
| 340                          | 34.0                 | 211.5                         |                                                                      | 22,400*                |                                                                      | 41,100*                |
| 350                          | 31.0                 | 193.7                         |                                                                      | 16,000*                |                                                                      | 32,200*                |
| 360                          | 27.6                 | 173.4                         |                                                                      |                        |                                                                      | 23,600*                |
| 370                          | 23.8                 | 149.4                         |                                                                      |                        |                                                                      | 15,000*                |

# Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
 492,000 Lb. Crane Counterweight  
 320,000 Lb. Carbody Counterweight  
 0 Lb. thru 599,800 Lb. Hanging Counterweight  
 at 59 Ft. Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

**18000 With  
 21000 MAX-ER**



## 320 Ft. Boom

## 90 Ft. Fixed Jib, 5 Degree Offset

| Jib<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Feet | 599,800 Lb.<br>Hanging Counterweight                                 |                        |
|------------------------------|----------------------|-------------------------------|----------------------------------------------------------------------|------------------------|
|                              |                      |                               | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds |
| 145                          | 73.1                 | 396.8                         | 202,100                                                              | 252,000*               |
| 150                          | 72.3                 | 395.0                         | 188,600                                                              | 252,000*               |
| 155                          | 71.6                 | 393.1                         | 176,100                                                              | 252,000*               |
| 160                          | 70.8                 | 391.1                         | 164,300                                                              | 252,000*               |
| 165                          | 70.1                 | 389.0                         | 153,300                                                              | 251,400*               |
| 170                          | 69.3                 | 386.8                         | 143,000                                                              | 240,400*               |
| 175                          | 68.5                 | 384.6                         | 133,300                                                              | 229,900*               |
| 180                          | 67.8                 | 382.3                         | 124,200                                                              | 220,000*               |
| 185                          | 67.0                 | 379.9                         | 115,500                                                              | 210,700*               |
| 190                          | 66.2                 | 377.4                         | 107,400                                                              | 201,800*               |
| 195                          | 65.4                 | 374.8                         | 99,700                                                               | 193,400*               |
| 200                          | 64.6                 | 372.2                         | 92,400                                                               | 185,400*               |
| 210                          | 63.0                 | 366.6                         | 78,800                                                               | 170,500*               |
| 220                          | 61.4                 | 360.6                         | 66,500                                                               | 156,900*               |
| 230                          | 59.7                 | 354.2                         | 55,300                                                               | 144,400*               |
| 240                          | 58.1                 | 347.5                         | 45,000                                                               | 133,000*               |
| 250                          | 56.3                 | 340.3                         | 35,600                                                               | 122,400*               |
| 260                          | 54.6                 | 332.6                         | 26,900                                                               | 112,700*               |
| 270                          | 52.8                 | 324.4                         | 18,800                                                               | 103,600*               |
| 280                          | 50.9                 | 315.6                         | 11,300                                                               | 95,200*                |
| 290                          | 49.0                 | 306.3                         | 4,300                                                                | 85,700*                |
| 300                          | 47.0                 | 296.3                         |                                                                      | 76,900*                |
| 310                          | 45.0                 | 285.5                         |                                                                      | 68,600*                |
| 320                          | 42.8                 | 274.0                         |                                                                      | 60,500*                |
| 330                          | 40.6                 | 261.5                         |                                                                      | 52,700*                |
| 340                          | 38.2                 | 247.9                         |                                                                      | 45,000*                |
| 350                          | 35.7                 | 233.1                         |                                                                      | 36,300*                |
| 360                          | 33.1                 | 216.7                         |                                                                      | 28,000*                |
| 370                          | 30.1                 | 198.4                         |                                                                      | 19,900*                |

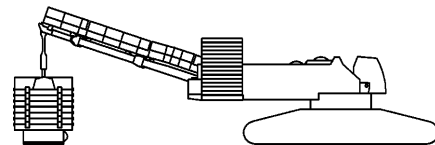


# Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
492,000 Lb. Crane Counterweight  
320,000 Lb. Carbody Counterweight  
0 Lb. thru 599,800 Lb. Hanging Counterweight  
at 59 Ft. Position  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements

**18000 With  
21000 MAX-ER**



## 140 Ft. Boom

### 90 Ft. Fixed Jib, 20 Degree Offset

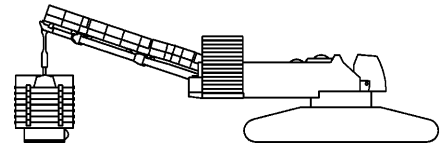
| Jib<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Feet | 0 Lb.<br>Hanging<br>Counterweight | 247,800 Lb.<br>Hanging Counterweight                                 |                        | 467,800 Lb.<br>Hanging Counterweight                                 |                        | 599,800 Lb.<br>Hanging Counterweight                                 |                        | Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------|----------------------|-------------------------------|-----------------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|------------------------------|
|                              |                      |                               | Jib Capacity<br>Pounds            | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds |                              |
| 75                           | 81.5                 | 228.0                         | 385,700*                          | 299,000                                                              | 535,800*               | 447,300                                                              | 527,000*               |                                                                      |                        | 75                           |
| 80                           | 80.1                 | 226.4                         | 355,200*                          | 270,200                                                              | 497,700*               | 410,700                                                              | 507,200*               |                                                                      |                        | 80                           |
| 85                           | 78.8                 | 224.6                         | 328,400*                          | 245,100                                                              | 464,000*               | 378,500                                                              | 488,100*               |                                                                      |                        | 85                           |
| 90                           | 77.4                 | 222.6                         | 304,700*                          | 222,900                                                              | 433,900*               | 349,900                                                              | 470,400*               |                                                                      |                        | 90                           |
| 95                           | 76.1                 | 220.5                         | 283,400*                          | 203,300                                                              | 406,400*               | 324,400                                                              | 453,900*               |                                                                      |                        | 95                           |
| 100                          | 74.7                 | 218.3                         | 264,300*                          | 185,700                                                              | 381,000*               | 301,500                                                              | 438,600*               |                                                                      |                        | 100                          |
| 105                          | 73.3                 | 215.9                         | 247,000*                          | 169,900                                                              | 358,100*               | 280,700                                                              | 424,200*               | 355,900                                                              | 424,200*               | 105                          |
| 110                          | 71.9                 | 213.4                         | 230,600                           | 155,600                                                              | 337,300*               | 261,800                                                              | 402,600*               | 333,500                                                              | 410,800*               | 110                          |
| 115                          | 70.5                 | 210.7                         | 214,600                           | 142,600                                                              | 318,300*               | 244,600                                                              | 382,300*               | 313,100                                                              | 398,200*               | 115                          |
| 120                          | 69.0                 | 207.9                         | 200,000                           | 130,700                                                              | 300,800*               | 228,800                                                              | 363,600*               | 294,400                                                              | 386,300*               | 120                          |
| 125                          | 67.6                 | 204.9                         | 186,800                           | 119,800                                                              | 284,800*               | 214,300                                                              | 346,300*               | 277,100                                                              | 375,200*               | 125                          |
| 130                          | 66.1                 | 201.7                         | 174,600                           | 109,800                                                              | 270,000*               | 200,900                                                              | 330,300*               | 261,200                                                              | 364,700*               | 130                          |
| 135                          | 64.5                 | 198.3                         | 163,500                           | 100,500                                                              | 256,300*               | 188,400                                                              | 315,300*               | 246,400                                                              | 354,800*               | 135                          |
| 140                          | 63.0                 | 194.7                         | 153,200                           | 91,900                                                               | 243,600*               | 176,800                                                              | 301,300*               | 232,700                                                              | 339,900*               | 140                          |
| 145                          | 61.4                 | 190.9                         | 143,700                           | 83,800                                                               | 231,800*               | 166,000                                                              | 288,300*               | 219,900                                                              | 325,600*               | 145                          |
| 150                          | 59.8                 | 186.9                         | 134,900                           | 76,300                                                               | 220,700*               | 155,900                                                              | 276,000*               | 207,900                                                              | 312,200*               | 150                          |
| 155                          | 58.2                 | 182.7                         | 126,600                           | 69,300                                                               | 210,300*               | 146,400                                                              | 264,500*               | 196,700                                                              | 299,500*               | 155                          |
| 160                          | 56.5                 | 178.2                         | 119,000                           | 62,700                                                               | 200,600*               | 137,400                                                              | 253,600*               | 186,100                                                              | 287,600*               | 160                          |
| 165                          | 54.7                 | 173.4                         | 111,600*                          | 56,400                                                               | 191,400*               | 129,000                                                              | 243,200*               | 176,200                                                              | 276,400*               | 165                          |
| 170                          | 52.9                 | 168.3                         | 104,100*                          | 50,500                                                               | 182,700*               | 121,000                                                              | 233,200*               | 166,700                                                              | 265,700*               | 170                          |
| 175                          | 51.1                 | 162.9                         | 97,000*                           | 45,000                                                               | 174,600*               | 113,500                                                              | 223,800*               | 157,800                                                              | 254,400*               | 175                          |
| 180                          | 49.1                 | 157.1                         | 90,300*                           | 39,700                                                               | 166,800*               | 106,300                                                              | 214,900*               | 149,400                                                              | 242,000*               | 180                          |
| 185                          | 47.1                 | 150.8                         | 83,900*                           | 34,600                                                               | 159,400*               | 99,400                                                               | 206,400*               | 141,300                                                              | 230,100*               | 185                          |
| 190                          | 45.0                 | 144.1                         | 77,700*                           | 29,800                                                               | 152,400*               | 92,800                                                               | 198,400*               | 133,600                                                              | 218,700*               | 190                          |
| 195                          | 42.8                 | 136.9                         | 71,900*                           | 25,100                                                               | 145,800*               | 86,500                                                               | 188,700*               | 126,200                                                              | 207,700*               | 195                          |
| 200                          | 40.4                 | 128.9                         | 66,200*                           | 20,600                                                               | 139,400*               | 74,600                                                               | 168,600*               | 112,100                                                              | 186,400*               | 200                          |
| 210                          | 35.2                 | 110.5                         | 55,500*                           | 12,100                                                               | 125,700*               |                                                                      |                        |                                                                      |                        | 210                          |

# Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
 492,000 Lb. Crane Counterweight  
 320,000 Lb. Carbody Counterweight  
 0 Lb. thru 599,800 Lb. Hanging Counterweight  
 at 59 Ft. Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

**18000 With  
 21000 MAX-ER**



**160 Ft. Boom**

**90 Ft. Fixed Jib, 20 Degree Offset**

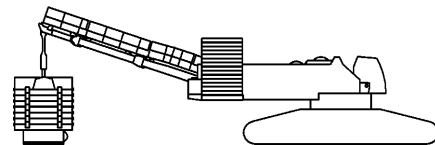
| Jib<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Feet | 0 Lb.<br>Hanging<br>Counterweight | 247,800 Lb.<br>Hanging Counterweight                                 |                        | 467,800 Lb.<br>Hanging Counterweight                                 |                        | 599,800 Lb.<br>Hanging Counterweight                                 |                        | Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------|----------------------|-------------------------------|-----------------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|------------------------------|
|                              |                      |                               | Jib Capacity<br>Pounds            | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds |                              |
| 80                           | 81.4                 | 246.6                         | 354,100*                          | 273,200                                                              | 496,100*               |                                                                      |                        |                                                                      |                        | 80                           |
| 85                           | 80.2                 | 245.0                         | 327,000*                          | 247,300                                                              | 462,200*               | 414,700                                                              | 501,600*               |                                                                      |                        | 85                           |
| 90                           | 79.0                 | 243.2                         | 303,000*                          | 224,400                                                              | 431,900*               | 381,700                                                              | 486,000*               |                                                                      |                        | 90                           |
| 95                           | 77.7                 | 241.3                         | 281,600*                          | 204,200                                                              | 404,600*               | 352,300                                                              | 471,300*               |                                                                      |                        | 95                           |
| 100                          | 76.5                 | 239.3                         | 262,300*                          | 186,100                                                              | 379,000*               | 326,200                                                              | 457,500*               |                                                                      |                        | 100                          |
| 105                          | 75.2                 | 237.1                         | 244,900*                          | 169,800                                                              | 355,900*               | 302,600                                                              | 444,500*               |                                                                      |                        | 105                          |
| 110                          | 73.9                 | 234.8                         | 229,100*                          | 155,100                                                              | 335,000*               | 281,400                                                              | 422,100*               | 357,300                                                              | 432,200*               | 110                          |
| 115                          | 72.6                 | 232.4                         | 213,000                           | 141,800                                                              | 315,800*               | 262,100                                                              | 400,000*               | 334,400                                                              | 420,600*               | 115                          |
| 120                          | 71.3                 | 229.9                         | 198,300                           | 129,600                                                              | 298,300*               | 244,500                                                              | 379,600*               | 313,500                                                              | 409,500*               | 120                          |
| 125                          | 70.0                 | 227.2                         | 184,900                           | 118,400                                                              | 282,200*               | 228,300                                                              | 360,800*               | 294,400                                                              | 399,200*               | 125                          |
| 130                          | 68.7                 | 224.3                         | 172,600                           | 108,100                                                              | 267,300*               | 213,500                                                              | 343,400*               | 276,800                                                              | 386,400*               | 130                          |
| 135                          | 67.3                 | 221.3                         | 161,400                           | 98,600                                                               | 253,500*               | 199,800                                                              | 327,300*               | 260,600                                                              | 368,700*               | 135                          |
| 140                          | 66.0                 | 218.1                         | 151,000                           | 89,800                                                               | 240,700*               | 187,100                                                              | 312,300*               | 245,600                                                              | 352,200*               | 140                          |
| 145                          | 64.6                 | 214.7                         | 141,400                           | 81,600                                                               | 228,800*               | 175,300                                                              | 298,200*               | 231,600                                                              | 336,800*               | 145                          |
| 150                          | 63.1                 | 211.2                         | 132,500                           | 73,900                                                               | 217,700*               | 164,300                                                              | 285,100*               | 218,600                                                              | 322,400*               | 150                          |
| 155                          | 61.7                 | 207.5                         | 124,200                           | 66,700                                                               | 207,300*               | 154,000                                                              | 272,800*               | 206,400                                                              | 309,000*               | 155                          |
| 160                          | 60.2                 | 203.6                         | 116,400                           | 60,000                                                               | 197,500*               | 144,300                                                              | 261,300*               | 195,000                                                              | 296,300*               | 160                          |
| 165                          | 58.7                 | 199.4                         | 108,800*                          | 53,700                                                               | 188,300*               | 135,300                                                              | 250,400*               | 184,300                                                              | 284,400*               | 165                          |
| 170                          | 57.2                 | 195.0                         | 101,200*                          | 47,700                                                               | 179,600*               | 126,700                                                              | 240,000*               | 174,300                                                              | 273,100*               | 170                          |
| 175                          | 55.6                 | 190.4                         | 94,100*                           | 42,000                                                               | 171,400*               | 118,700                                                              | 230,100*               | 164,700                                                              | 262,400*               | 175                          |
| 180                          | 54.0                 | 185.5                         | 87,300*                           | 36,700                                                               | 163,600*               | 111,100                                                              | 220,700*               | 155,700                                                              | 252,400*               | 180                          |
| 185                          | 52.3                 | 180.4                         | 80,900*                           | 31,600                                                               | 156,300*               | 103,800                                                              | 211,800*               | 147,200                                                              | 242,800*               | 185                          |
| 190                          | 50.6                 | 174.9                         | 74,700*                           | 26,700                                                               | 149,300*               | 96,900                                                               | 203,300*               | 139,100                                                              | 233,700*               | 190                          |
| 195                          | 48.8                 | 169.0                         | 68,900*                           | 22,100                                                               | 142,600*               | 90,400                                                               | 195,200*               | 131,400                                                              | 225,000*               | 195                          |
| 200                          | 46.9                 | 162.8                         | 63,300*                           | 17,700                                                               | 136,300*               | 84,100                                                               | 187,600*               | 124,000                                                              | 216,800*               | 200                          |
| 210                          | 43.0                 | 149.0                         | 52,800*                           | 9,300                                                                | 123,500*               | 72,300                                                               | 173,200*               | 110,200                                                              | 197,400*               | 210                          |
| 220                          | 38.5                 | 132.8                         | 43,000*                           | 1,500                                                                | 110,300*               | 61,400                                                               | 160,000*               | 97,500                                                               | 177,600*               | 220                          |

# Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
 492,000 Lb. Crane Counterweight  
 320,000 Lb. Carbody Counterweight  
 0 Lb. thru 599,800 Lb. Hanging Counterweight  
 at 59 Ft. Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

## 18000 With 21000 MAX-ER



**180 Ft. Boom**

**90 Ft. Fixed Jib, 20 Degree Offset**

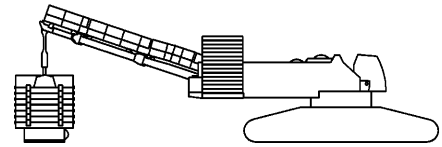
| Jib<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Feet | 0 Lb.<br>Hanging<br>Counterweight | 247,800 Lb.<br>Hanging Counterweight                                 |                        | 467,800 Lb.<br>Hanging Counterweight                                 |                        | 599,800 Lb.<br>Hanging Counterweight                                 |                        | Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------|----------------------|-------------------------------|-----------------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|------------------------------|
|                              |                      |                               | Jib Capacity<br>Pounds            | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds |                              |
| 85                           | 81.3                 | 265.3                         | 325,900*                          | 249,400                                                              | 460,800*               | 418,500                                                              | 493,500*               |                                                                      |                        | 85                           |
| 90                           | 80.1                 | 263.7                         | 301,700*                          | 226,000                                                              | 430,400*               | 384,700                                                              | 479,700*               |                                                                      |                        | 90                           |
| 95                           | 79.0                 | 261.9                         | 280,100*                          | 205,200                                                              | 403,100*               | 354,700                                                              | 466,600*               |                                                                      |                        | 95                           |
| 100                          | 77.8                 | 260.1                         | 260,700*                          | 186,700                                                              | 377,400*               | 328,000                                                              | 454,300*               |                                                                      |                        | 100                          |
| 105                          | 76.7                 | 258.1                         | 243,200*                          | 170,000                                                              | 354,200*               | 304,000                                                              | 442,500*               |                                                                      |                        | 105                          |
| 110                          | 75.5                 | 256.0                         | 227,200*                          | 155,000                                                              | 333,100*               | 282,300                                                              | 420,100*               | 358,800                                                              | 431,400*               | 110                          |
| 115                          | 74.3                 | 253.8                         | 211,700                           | 141,300                                                              | 313,900*               | 262,600                                                              | 397,900*               | 335,500                                                              | 420,800*               | 115                          |
| 120                          | 73.2                 | 251.5                         | 196,900                           | 128,900                                                              | 296,300*               | 244,600                                                              | 377,400*               | 314,200                                                              | 410,600*               | 120                          |
| 125                          | 72.0                 | 249.0                         | 183,400                           | 117,400                                                              | 280,100*               | 228,200                                                              | 358,500*               | 294,800                                                              | 401,100*               | 125                          |
| 130                          | 70.7                 | 246.4                         | 171,000                           | 106,900                                                              | 265,100*               | 213,100                                                              | 341,100*               | 276,900                                                              | 384,100*               | 130                          |
| 135                          | 69.5                 | 243.7                         | 159,600                           | 97,200                                                               | 251,300*               | 199,200                                                              | 324,900*               | 260,400                                                              | 366,300*               | 135                          |
| 140                          | 68.3                 | 240.8                         | 149,200                           | 88,200                                                               | 238,400*               | 186,200                                                              | 309,800*               | 245,100                                                              | 349,800*               | 140                          |
| 145                          | 67.0                 | 237.8                         | 139,500                           | 79,900                                                               | 226,500*               | 174,200                                                              | 295,800*               | 231,000                                                              | 334,300*               | 145                          |
| 150                          | 65.7                 | 234.7                         | 130,500                           | 72,100                                                               | 215,300*               | 163,100                                                              | 282,600*               | 217,800                                                              | 319,900*               | 150                          |
| 155                          | 64.5                 | 231.3                         | 122,100                           | 64,800                                                               | 204,800*               | 152,600                                                              | 270,300*               | 205,400                                                              | 306,400*               | 155                          |
| 160                          | 63.1                 | 227.8                         | 114,300                           | 57,900                                                               | 195,000*               | 142,800                                                              | 258,700*               | 193,900                                                              | 293,700*               | 160                          |
| 165                          | 61.8                 | 224.2                         | 106,600*                          | 51,500                                                               | 185,800*               | 133,700                                                              | 247,800*               | 183,000                                                              | 281,700*               | 165                          |
| 170                          | 60.4                 | 220.3                         | 99,000*                           | 45,500                                                               | 177,100*               | 125,000                                                              | 237,500*               | 172,900                                                              | 270,500*               | 170                          |
| 175                          | 59.1                 | 216.3                         | 91,700*                           | 39,700                                                               | 168,800*               | 116,900                                                              | 227,500*               | 163,200                                                              | 259,800*               | 175                          |
| 180                          | 57.6                 | 212.0                         | 84,900*                           | 34,300                                                               | 161,100*               | 109,200                                                              | 218,100*               | 154,200                                                              | 249,700*               | 180                          |
| 185                          | 56.2                 | 207.5                         | 78,400*                           | 29,200                                                               | 153,700*               | 101,900                                                              | 209,200*               | 145,600                                                              | 240,100*               | 185                          |
| 190                          | 54.7                 | 202.8                         | 72,300*                           | 24,300                                                               | 146,700*               | 95,000                                                               | 200,700*               | 137,400                                                              | 231,000*               | 190                          |
| 195                          | 53.2                 | 197.9                         | 66,400*                           | 19,700                                                               | 140,100*               | 88,400                                                               | 192,700*               | 129,700                                                              | 222,400*               | 195                          |
| 200                          | 51.7                 | 192.6                         | 60,800*                           | 15,200                                                               | 133,700*               | 82,100                                                               | 185,000*               | 122,300                                                              | 214,100*               | 200                          |
| 210                          | 48.4                 | 181.2                         | 50,400*                           | 6,900                                                                | 121,400*               | 70,400                                                               | 170,700*               | 108,500                                                              | 198,700*               | 210                          |
| 220                          | 44.9                 | 168.4                         | 40,700*                           |                                                                      | 108,400*               | 59,600                                                               | 157,600*               | 95,900                                                               | 184,600*               | 220                          |
| 230                          | 41.1                 | 153.7                         | 31,700*                           |                                                                      | 96,300*                | 49,600                                                               | 145,600*               | 84,200                                                               | 168,300*               | 230                          |
| 240                          | 36.8                 | 136.5                         | 23,300*                           |                                                                      | 85,000*                | 40,200                                                               | 134,300*               | 73,200                                                               | 150,700*               | 240                          |

# Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
 492,000 Lb. Crane Counterweight  
 320,000 Lb. Carbody Counterweight  
 0 Lb. thru 599,800 Lb. Hanging Counterweight  
 at 59 Ft. Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

**18000 With  
 21000 MAX-ER**



## 200 Ft. Boom

### 90 Ft. Fixed Jib, 20 Degree Offset

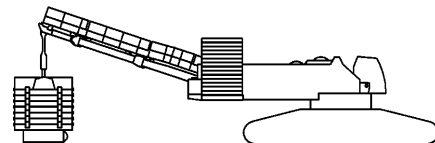
| Jib<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Feet | 0 Lb.<br>Hanging<br>Counterweight | 247,800 Lb.<br>Hanging Counterweight                                 |                        | 467,800 Lb.<br>Hanging Counterweight                                 |                        | 599,800 Lb.<br>Hanging Counterweight                                 |                        | Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------|----------------------|-------------------------------|-----------------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|------------------------------|
|                              |                      |                               | Jib Capacity<br>Pounds            | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds |                              |
| 85                           | 81.6                 | 286.5                         | 322,400*                          | 247,900                                                              | 457,000*               | 418,400                                                              | 504,400*               |                                                                      |                        | 85                           |
| 90                           | 80.5                 | 285.0                         | 298,100*                          | 224,100                                                              | 426,500*               | 384,000                                                              | 491,300*               |                                                                      |                        | 90                           |
| 95                           | 79.5                 | 283.4                         | 276,500*                          | 203,000                                                              | 399,200*               | 353,600                                                              | 478,700*               |                                                                      |                        | 95                           |
| 100                          | 78.4                 | 281.7                         | 257,000*                          | 184,100                                                              | 373,700*               | 326,500                                                              | 466,800*               |                                                                      |                        | 100                          |
| 105                          | 77.3                 | 279.9                         | 239,400*                          | 167,200                                                              | 350,400*               | 302,100                                                              | 440,400*               |                                                                      |                        | 105                          |
| 110                          | 76.3                 | 278.0                         | 223,400*                          | 151,900                                                              | 329,300*               | 280,100                                                              | 416,100*               | 357,100                                                              | 444,600*               | 110                          |
| 115                          | 75.2                 | 276.0                         | 208,600                           | 138,100                                                              | 310,000*               | 260,200                                                              | 393,800*               | 333,500                                                              | 433,600*               | 115                          |
| 120                          | 74.1                 | 273.8                         | 193,700                           | 125,400                                                              | 292,400*               | 242,000                                                              | 373,300*               | 312,000                                                              | 419,800*               | 120                          |
| 125                          | 73.0                 | 271.6                         | 180,100                           | 113,900                                                              | 276,200*               | 225,300                                                              | 354,400*               | 292,300                                                              | 399,100*               | 125                          |
| 130                          | 71.9                 | 269.2                         | 167,700                           | 103,200                                                              | 261,200*               | 210,000                                                              | 336,900*               | 274,300                                                              | 379,900*               | 130                          |
| 135                          | 70.8                 | 266.7                         | 156,300                           | 93,400                                                               | 247,300*               | 195,900                                                              | 320,700*               | 257,600                                                              | 362,100*               | 135                          |
| 140                          | 69.7                 | 264.1                         | 145,700                           | 84,300                                                               | 234,400*               | 182,900                                                              | 305,600*               | 242,100                                                              | 345,600*               | 140                          |
| 145                          | 68.5                 | 261.4                         | 136,000                           | 75,800                                                               | 222,400*               | 170,700                                                              | 291,600*               | 227,800                                                              | 330,100*               | 145                          |
| 150                          | 67.4                 | 258.5                         | 127,000                           | 67,900                                                               | 211,200*               | 159,500                                                              | 278,400*               | 214,500                                                              | 315,700*               | 150                          |
| 155                          | 66.2                 | 255.5                         | 118,600                           | 60,600                                                               | 200,800*               | 148,900                                                              | 266,100*               | 202,000                                                              | 302,200*               | 155                          |
| 160                          | 65.0                 | 252.4                         | 110,400*                          | 53,700                                                               | 190,900*               | 139,100                                                              | 254,500*               | 190,400                                                              | 289,500*               | 160                          |
| 165                          | 63.8                 | 249.1                         | 102,200*                          | 47,200                                                               | 181,700*               | 129,800                                                              | 243,500*               | 179,500                                                              | 277,500*               | 165                          |
| 170                          | 62.6                 | 245.7                         | 94,500*                           | 41,100                                                               | 173,000*               | 121,100                                                              | 233,300*               | 169,200                                                              | 266,200*               | 170                          |
| 175                          | 61.4                 | 242.1                         | 87,300*                           | 35,300                                                               | 164,800*               | 112,900                                                              | 223,500*               | 159,500                                                              | 255,600*               | 175                          |
| 180                          | 60.1                 | 238.3                         | 80,400*                           | 29,900                                                               | 157,000*               | 105,100                                                              | 214,100*               | 150,400                                                              | 245,500*               | 180                          |
| 185                          | 58.9                 | 234.3                         | 73,900*                           | 24,700                                                               | 149,700*               | 97,800                                                               | 205,100*               | 141,800                                                              | 235,900*               | 185                          |
| 190                          | 57.6                 | 230.2                         | 67,800*                           | 19,800                                                               | 142,700*               | 90,900                                                               | 196,700*               | 133,600                                                              | 226,900*               | 190                          |
| 195                          | 56.2                 | 225.9                         | 61,900*                           | 15,200                                                               | 136,000*               | 84,300                                                               | 188,600*               | 125,800                                                              | 218,200*               | 195                          |
| 200                          | 54.9                 | 221.4                         | 56,300*                           | 10,800                                                               | 129,700*               | 78,000                                                               | 181,000*               | 118,400                                                              | 210,000*               | 200                          |
| 210                          | 52.1                 | 211.6                         | 45,900*                           | 2,500                                                                | 117,300*               | 66,300                                                               | 166,800*               | 104,600                                                              | 194,700*               | 210                          |
| 220                          | 49.2                 | 200.8                         | 36,300*                           |                                                                      | 104,300*               | 55,600                                                               | 153,800*               | 92,100                                                               | 180,700*               | 220                          |
| 230                          | 46.0                 | 188.8                         | 27,500*                           |                                                                      | 92,400*                | 45,700                                                               | 141,800*               | 80,500                                                               | 167,800*               | 230                          |
| 240                          | 42.7                 | 175.4                         | 19,300*                           |                                                                      | 81,300*                | 36,600                                                               | 130,800*               | 69,800                                                               | 155,800*               | 240                          |
| 250                          | 39.0                 | 160.0                         |                                   |                                                                      | 71,000*                | 28,000                                                               | 120,500*               | 59,800                                                               | 140,000*               | 250                          |

# Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
492,000 Lb. Crane Counterweight  
320,000 Lb. Carbody Counterweight  
0 Lb. thru 599,800 Lb. Hanging Counterweight  
at 59 Ft. Position  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements

**18000 With  
21000 MAX-ER**



**220 Ft. Boom**

**90 Ft. Fixed Jib, 20 Degree Offset**

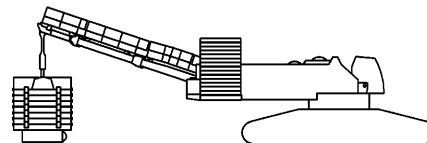
| Jib<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Feet | 247,800 Lb.<br>Hanging Counterweight                                 |                        | 467,800 Lb.<br>Hanging Counterweight                                 |                        | 599,800 Lb.<br>Hanging Counterweight                                 |                        | Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------|----------------------|-------------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|------------------------------|
|                              |                      |                               | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds |                              |
| 90                           | 81.3                 | 305.4                         | 224,700                                                              | 424,400*               | 385,900                                                              | 484,000*               |                                                                      |                        | 90                           |
| 95                           | 80.4                 | 303.9                         | 203,100                                                              | 396,900*               | 354,800                                                              | 473,000*               |                                                                      |                        | 95                           |
| 100                          | 79.4                 | 302.3                         | 183,800                                                              | 371,600*               | 327,100                                                              | 462,400*               |                                                                      |                        | 100                          |
| 105                          | 78.4                 | 300.6                         | 166,500                                                              | 348,200*               | 302,300                                                              | 437,900*               |                                                                      |                        | 105                          |
| 110                          | 77.4                 | 298.9                         | 150,900                                                              | 326,900*               | 279,900                                                              | 413,400*               | 357,400                                                              | 442,500*               | 110                          |
| 115                          | 76.4                 | 297.0                         | 136,700                                                              | 307,500*               | 259,500                                                              | 391,000*               | 333,400                                                              | 432,900*               | 115                          |
| 120                          | 75.4                 | 295.0                         | 123,700                                                              | 289,800*               | 241,000                                                              | 370,400*               | 311,500                                                              | 416,900*               | 120                          |
| 125                          | 74.4                 | 292.9                         | 111,900                                                              | 273,400*               | 224,100                                                              | 351,400*               | 291,500                                                              | 396,100*               | 125                          |
| 130                          | 73.4                 | 290.8                         | 101,000                                                              | 258,400*               | 208,500                                                              | 333,900*               | 273,100                                                              | 376,900*               | 130                          |
| 135                          | 72.3                 | 288.5                         | 91,000                                                               | 244,400*               | 194,100                                                              | 317,600*               | 256,100                                                              | 359,000*               | 135                          |
| 140                          | 71.3                 | 286.1                         | 81,700                                                               | 231,500*               | 180,900                                                              | 302,400*               | 240,500                                                              | 342,400*               | 140                          |
| 145                          | 70.2                 | 283.5                         | 73,100                                                               | 219,400*               | 168,500                                                              | 288,300*               | 225,900                                                              | 326,900*               | 145                          |
| 150                          | 69.2                 | 280.9                         | 65,000                                                               | 208,100*               | 157,100                                                              | 275,100*               | 212,400                                                              | 312,400*               | 150                          |
| 155                          | 68.1                 | 278.2                         | 57,500                                                               | 197,600*               | 146,400                                                              | 262,700*               | 199,800                                                              | 298,800*               | 155                          |
| 160                          | 67.0                 | 275.3                         | 50,500                                                               | 187,700*               | 136,300                                                              | 251,000*               | 187,900                                                              | 286,100*               | 160                          |
| 165                          | 65.9                 | 272.3                         | 43,900                                                               | 178,400*               | 126,900                                                              | 240,100*               | 176,900                                                              | 274,100*               | 165                          |
| 170                          | 64.8                 | 269.2                         | 37,700                                                               | 169,700*               | 118,100                                                              | 229,800*               | 166,500                                                              | 262,700*               | 170                          |
| 175                          | 63.7                 | 265.9                         | 31,800                                                               | 161,400*               | 109,800                                                              | 220,000*               | 156,700                                                              | 252,100*               | 175                          |
| 180                          | 62.6                 | 262.5                         | 26,300                                                               | 153,600*               | 101,900                                                              | 210,600*               | 147,400                                                              | 241,900*               | 180                          |
| 185                          | 61.4                 | 258.9                         | 21,000                                                               | 146,200*               | 94,500                                                               | 201,700*               | 138,700                                                              | 232,300*               | 185                          |
| 190                          | 60.3                 | 255.2                         | 16,100                                                               | 139,200*               | 87,500                                                               | 193,200*               | 130,400                                                              | 223,200*               | 190                          |
| 195                          | 59.1                 | 251.3                         | 11,400                                                               | 132,500*               | 80,800                                                               | 185,100*               | 122,500                                                              | 214,600*               | 195                          |
| 200                          | 57.9                 | 247.3                         | 6,900                                                                | 126,200*               | 74,400                                                               | 177,500*               | 115,100                                                              | 206,300*               | 200                          |
| 210                          | 55.4                 | 238.6                         |                                                                      | 113,500*               | 62,600                                                               | 163,200*               | 101,200                                                              | 191,000*               | 210                          |
| 220                          | 52.8                 | 229.2                         |                                                                      | 100,500*               | 51,900                                                               | 150,200*               | 88,500                                                               | 176,900*               | 220                          |
| 230                          | 50.1                 | 218.9                         |                                                                      | 88,500*                | 41,900                                                               | 138,200*               | 76,900                                                               | 164,100*               | 230                          |
| 240                          | 47.3                 | 207.5                         |                                                                      | 77,500*                | 32,800                                                               | 127,200*               | 66,200                                                               | 152,200*               | 240                          |
| 250                          | 44.3                 | 194.8                         |                                                                      | 67,200*                | 24,300                                                               | 117,000*               | 56,300                                                               | 141,100*               | 250                          |
| 260                          | 41.0                 | 180.6                         |                                                                      | 57,700*                | 16,300                                                               | 107,500*               | 47,000                                                               | 129,200*               | 260                          |
| 270                          | 37.5                 | 164.5                         |                                                                      | 48,600*                | 8,800                                                                | 97,400*                | 38,200                                                               | 114,700*               | 270                          |

# Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
 492,000 Lb. Crane Counterweight  
 320,000 Lb. Carbody Counterweight  
 0 Lb. thru 599,800 Lb. Hanging Counterweight  
 at 59 Ft. Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

## 18000 With 21000 MAX-ER



### 240 Ft. Boom

### 90 Ft. Fixed Jib, 20 Degree Offset

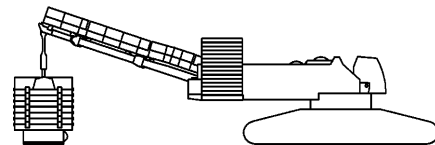
| Jib<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Feet | 247,800 Lb.<br>Hanging Counterweight                                 |                        | 467,800 Lb.<br>Hanging Counterweight                                 |                        | 599,800 Lb.<br>Hanging Counterweight                                 |                        | Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------|----------------------|-------------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|------------------------------|
|                              |                      |                               | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds |                              |
| 90                           | 82.0                 | 325.8                         | 226,000                                                              | 423,100*               |                                                                      |                        |                                                                      |                        | 90                           |
| 95                           | 81.1                 | 324.4                         | 204,000                                                              | 395,400*               | 356,700                                                              | 434,600*               |                                                                      |                        | 95                           |
| 100                          | 80.2                 | 322.9                         | 184,300                                                              | 370,300*               | 328,500                                                              | 434,600*               |                                                                      |                        | 100                          |
| 105                          | 79.3                 | 321.3                         | 166,700                                                              | 346,800*               | 303,300                                                              | 434,600*               |                                                                      |                        | 105                          |
| 110                          | 78.3                 | 319.6                         | 150,700                                                              | 325,400*               | 280,500                                                              | 411,700*               | 358,500                                                              | 434,600*               | 110                          |
| 115                          | 77.4                 | 317.9                         | 136,300                                                              | 305,900*               | 259,900                                                              | 389,200*               | 334,200                                                              | 427,300*               | 115                          |
| 120                          | 76.5                 | 316.1                         | 123,100                                                              | 288,100*               | 241,100                                                              | 368,500*               | 312,000                                                              | 415,000*               | 120                          |
| 125                          | 75.5                 | 314.1                         | 111,100                                                              | 271,700*               | 223,900                                                              | 349,500*               | 291,700                                                              | 394,200*               | 125                          |
| 130                          | 74.6                 | 312.1                         | 100,000                                                              | 256,500*               | 208,100                                                              | 331,900*               | 273,000                                                              | 374,900*               | 130                          |
| 135                          | 73.6                 | 310.0                         | 89,800                                                               | 242,500*               | 193,500                                                              | 315,500*               | 255,900                                                              | 356,900*               | 135                          |
| 140                          | 72.6                 | 307.7                         | 80,400                                                               | 229,500*               | 180,100                                                              | 300,300*               | 240,000                                                              | 340,300*               | 140                          |
| 145                          | 71.7                 | 305.4                         | 71,600                                                               | 217,400*               | 167,600                                                              | 286,200*               | 225,200                                                              | 324,700*               | 145                          |
| 150                          | 70.7                 | 303.0                         | 63,400                                                               | 206,100*               | 155,900                                                              | 272,900*               | 211,500                                                              | 310,200*               | 150                          |
| 155                          | 69.7                 | 300.4                         | 55,800                                                               | 195,500*               | 145,100                                                              | 260,500*               | 198,800                                                              | 296,600*               | 155                          |
| 160                          | 68.7                 | 297.8                         | 48,700                                                               | 185,600*               | 134,900                                                              | 248,800*               | 186,800                                                              | 283,800*               | 160                          |
| 165                          | 67.7                 | 295.0                         | 42,000                                                               | 176,200*               | 125,400                                                              | 237,800*               | 175,600                                                              | 271,800*               | 165                          |
| 170                          | 66.7                 | 292.1                         | 35,700                                                               | 167,500*               | 116,500                                                              | 227,400*               | 165,100                                                              | 260,400*               | 170                          |
| 175                          | 65.7                 | 289.1                         | 29,700                                                               | 159,200*               | 108,100                                                              | 217,700*               | 155,200                                                              | 249,700*               | 175                          |
| 180                          | 64.6                 | 286.0                         | 24,100                                                               | 151,300*               | 100,200                                                              | 208,400*               | 145,800                                                              | 239,600*               | 180                          |
| 185                          | 63.6                 | 282.8                         | 18,800                                                               | 143,900*               | 92,700                                                               | 199,400*               | 137,000                                                              | 230,000*               | 185                          |
| 190                          | 62.5                 | 279.4                         | 13,800                                                               | 136,900*               | 85,500                                                               | 190,900*               | 128,700                                                              | 220,800*               | 190                          |
| 195                          | 61.4                 | 275.9                         | 9,000                                                                | 130,200*               | 78,800                                                               | 182,800*               | 120,700                                                              | 212,200*               | 195                          |
| 200                          | 60.4                 | 272.2                         | 4,500                                                                | 123,900*               | 72,400                                                               | 175,100*               | 113,200                                                              | 203,900*               | 200                          |
| 210                          | 58.1                 | 264.4                         |                                                                      | 111,200*               | 60,500                                                               | 160,800*               | 99,200                                                               | 188,500*               | 210                          |
| 220                          | 55.8                 | 256.0                         |                                                                      | 98,200*                | 49,700                                                               | 147,800*               | 86,500                                                               | 174,500*               | 220                          |
| 230                          | 53.4                 | 246.8                         |                                                                      | 86,200*                | 39,700                                                               | 135,900*               | 74,800                                                               | 161,600*               | 230                          |
| 240                          | 51.0                 | 236.8                         |                                                                      | 75,100*                | 30,500                                                               | 124,900*               | 64,100                                                               | 149,700*               | 240                          |
| 250                          | 48.3                 | 225.9                         |                                                                      | 64,900*                | 22,100                                                               | 114,700*               | 54,200                                                               | 138,800*               | 250                          |
| 260                          | 45.6                 | 213.9                         |                                                                      | 55,400*                | 14,100                                                               | 105,300*               | 45,000                                                               | 128,500*               | 260                          |
| 270                          | 42.7                 | 200.7                         |                                                                      | 46,500*                | 6,700                                                                | 95,500*                | 36,300                                                               | 119,000*               | 270                          |
| 280                          | 39.5                 | 185.8                         |                                                                      | 38,100*                |                                                                      | 85,300*                | 28,200                                                               | 106,200*               | 280                          |

# Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
 492,000 Lb. Crane Counterweight  
 320,000 Lb. Carbody Counterweight  
 0 Lb. thru 599,800 Lb. Hanging Counterweight  
 at 59 Ft. Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

**18000 With  
 21000 MAX-ER**



**260 Ft. Boom**

**90 Ft. Fixed Jib, 20 Degree Offset**

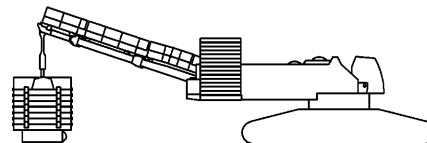
| Jib<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Feet | 247,800 Lb.<br>Hanging Counterweight                                 |                        | 467,800 Lb.<br>Hanging Counterweight                                 |                        | 599,800 Lb.<br>Hanging Counterweight                                 |                        | Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------|----------------------|-------------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|------------------------------|
|                              |                      |                               | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds |                              |
| 95                           | 81.3                 | 345.7                         | 200,200                                                              | 390,800*               |                                                                      |                        |                                                                      |                        | 95                           |
| 100                          | 80.4                 | 344.3                         | 180,300                                                              | 365,800*               | 325,300                                                              | 392,900*               |                                                                      |                        | 100                          |
| 105                          | 79.6                 | 342.9                         | 162,500                                                              | 342,300*               | 299,900                                                              | 392,900*               |                                                                      |                        | 105                          |
| 110                          | 78.7                 | 341.3                         | 146,400                                                              | 321,000*               | 276,900                                                              | 392,900*               |                                                                      |                        | 110                          |
| 115                          | 77.8                 | 339.7                         | 131,900                                                              | 301,500*               | 256,100                                                              | 384,500*               | 330,700                                                              | 392,900*               | 115                          |
| 120                          | 77.0                 | 338.0                         | 118,600                                                              | 283,600*               | 237,100                                                              | 363,900*               | 308,400                                                              | 392,900*               | 120                          |
| 125                          | 76.1                 | 336.2                         | 106,400                                                              | 267,200*               | 219,800                                                              | 344,800*               | 287,900                                                              | 389,500*               | 125                          |
| 130                          | 75.2                 | 334.3                         | 95,300                                                               | 252,000*               | 203,900                                                              | 327,200*               | 269,100                                                              | 370,200*               | 130                          |
| 135                          | 74.3                 | 332.3                         | 85,000                                                               | 238,000*               | 189,200                                                              | 310,900*               | 251,800                                                              | 352,300*               | 135                          |
| 140                          | 73.4                 | 330.2                         | 75,500                                                               | 225,000*               | 175,600                                                              | 295,700*               | 235,800                                                              | 335,600*               | 140                          |
| 145                          | 72.5                 | 328.0                         | 66,700                                                               | 212,900*               | 163,100                                                              | 281,500*               | 221,000                                                              | 320,100*               | 145                          |
| 150                          | 71.6                 | 325.8                         | 58,400                                                               | 201,600*               | 151,400                                                              | 268,200*               | 207,200                                                              | 305,600*               | 150                          |
| 155                          | 70.7                 | 323.4                         | 50,800                                                               | 191,000*               | 140,500                                                              | 255,800*               | 194,400                                                              | 292,000*               | 155                          |
| 160                          | 69.8                 | 321.0                         | 43,600                                                               | 181,100*               | 130,300                                                              | 244,200*               | 182,400                                                              | 279,200*               | 160                          |
| 165                          | 68.8                 | 318.4                         | 36,900                                                               | 171,800*               | 120,700                                                              | 233,200*               | 171,100                                                              | 267,200*               | 165                          |
| 170                          | 67.9                 | 315.8                         | 30,600                                                               | 163,000*               | 111,700                                                              | 222,800*               | 160,500                                                              | 255,800*               | 170                          |
| 175                          | 66.9                 | 313.0                         | 24,600                                                               | 154,700*               | 103,300                                                              | 213,100*               | 150,600                                                              | 245,100*               | 175                          |
| 180                          | 66.0                 | 310.1                         | 19,000                                                               | 146,900*               | 95,300                                                               | 203,800*               | 141,200                                                              | 235,000*               | 180                          |
| 185                          | 65.0                 | 307.1                         | 13,700                                                               | 139,500*               | 87,800                                                               | 195,000*               | 132,300                                                              | 225,400*               | 185                          |
| 190                          | 64.1                 | 304.0                         | 8,600                                                                | 132,500*               | 80,700                                                               | 186,500*               | 123,900                                                              | 216,300*               | 190                          |
| 195                          | 63.1                 | 300.8                         | 3,900                                                                | 125,800*               | 73,900                                                               | 178,400*               | 116,000                                                              | 207,600*               | 195                          |
| 200                          | 62.1                 | 297.5                         |                                                                      | 119,500*               | 67,500                                                               | 170,700*               | 108,500                                                              | 199,400*               | 200                          |
| 210                          | 60.1                 | 290.4                         |                                                                      | 106,200*               | 55,600                                                               | 156,500*               | 94,500                                                               | 184,000*               | 210                          |
| 220                          | 58.0                 | 282.8                         |                                                                      | 93,100*                | 44,700                                                               | 143,500*               | 81,700                                                               | 170,000*               | 220                          |
| 230                          | 55.8                 | 274.5                         |                                                                      | 81,200*                | 34,800                                                               | 131,600*               | 70,100                                                               | 157,200*               | 230                          |
| 240                          | 53.6                 | 265.7                         |                                                                      | 70,200*                | 25,700                                                               | 120,600*               | 59,400                                                               | 145,400*               | 240                          |
| 250                          | 51.3                 | 256.0                         |                                                                      | 60,000*                | 17,200                                                               | 110,500*               | 49,500                                                               | 134,500*               | 250                          |
| 260                          | 48.9                 | 245.6                         |                                                                      | 50,600*                | 9,400                                                                | 101,100*               | 40,300                                                               | 124,300*               | 260                          |
| 270                          | 46.4                 | 234.2                         |                                                                      | 41,800*                | 2,100                                                                | 90,900*                | 31,800                                                               | 114,900*               | 270                          |
| 280                          | 43.8                 | 221.8                         |                                                                      | 33,500*                |                                                                      | 80,900*                | 23,800                                                               | 106,000*               | 280                          |
| 290                          | 41.0                 | 208.0                         |                                                                      | 25,800*                |                                                                      | 71,400*                | 16,300                                                               | 95,000*                | 290                          |
| 300                          | 37.9                 | 192.6                         |                                                                      | 18,400*                |                                                                      | 62,400*                | 9,100                                                                | 83,000*                | 300                          |

# Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
 492,000 Lb. Crane Counterweight  
 320,000 Lb. Carbody Counterweight  
 0 Lb. thru 599,800 Lb. Hanging Counterweight  
 at 59 Ft. Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

## 18000 With 21000 MAX-ER



### 280 Ft. Boom 90 Ft. Fixed Jib, 20 Degree Offset

| Jib<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Feet | 467,800 Lb.<br>Hanging Counterweight                                 |                        | 599,800 Lb.<br>Hanging Counterweight                                 |                        |
|------------------------------|----------------------|-------------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|
|                              |                      |                               | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds |
| 110                          | 79.4                 | 361.9                         | 276,900                                                              | 343,900*               |                                                                      |                        |
| 115                          | 78.6                 | 360.4                         | 255,800                                                              | 343,900*               |                                                                      |                        |
| 120                          | 77.8                 | 358.8                         | 236,600                                                              | 343,900*               |                                                                      |                        |
| 125                          | 77.0                 | 357.1                         | 219,000                                                              | 342,600*               | 287,500                                                              | 343,900*               |
| 130                          | 76.1                 | 355.3                         | 202,900                                                              | 324,900*               | 268,500                                                              | 343,900*               |
| 135                          | 75.3                 | 353.4                         | 188,000                                                              | 308,600*               | 251,000                                                              | 343,900*               |
| 140                          | 74.5                 | 351.5                         | 174,300                                                              | 293,300*               | 234,800                                                              | 333,300*               |
| 145                          | 73.6                 | 349.5                         | 161,600                                                              | 279,100*               | 219,800                                                              | 317,700*               |
| 150                          | 72.8                 | 347.4                         | 149,700                                                              | 265,800*               | 205,900                                                              | 303,100*               |
| 155                          | 71.9                 | 345.2                         | 138,700                                                              | 253,300*               | 192,900                                                              | 289,500*               |
| 160                          | 71.0                 | 342.9                         | 128,400                                                              | 241,700*               | 180,700                                                              | 276,700*               |
| 165                          | 70.2                 | 340.5                         | 118,700                                                              | 230,600*               | 169,300                                                              | 264,600*               |
| 170                          | 69.3                 | 338.0                         | 109,700                                                              | 220,300*               | 158,700                                                              | 253,300*               |
| 175                          | 68.4                 | 335.4                         | 101,100                                                              | 210,500*               | 148,600                                                              | 242,500*               |
| 180                          | 67.5                 | 332.7                         | 93,100                                                               | 201,200*               | 139,100                                                              | 232,400*               |
| 185                          | 66.6                 | 330.0                         | 85,500                                                               | 192,400*               | 130,200                                                              | 222,800*               |
| 190                          | 65.7                 | 327.1                         | 78,300                                                               | 183,900*               | 121,700                                                              | 213,600*               |
| 195                          | 64.8                 | 324.1                         | 71,400                                                               | 175,800*               | 113,700                                                              | 205,000*               |
| 200                          | 63.9                 | 321.0                         | 65,000                                                               | 168,100*               | 106,100                                                              | 196,700*               |
| 210                          | 62.0                 | 314.5                         | 53,000                                                               | 153,800*               | 92,000                                                               | 181,300*               |
| 220                          | 60.1                 | 307.5                         | 42,000                                                               | 140,800*               | 79,200                                                               | 167,300*               |
| 230                          | 58.2                 | 300.0                         | 32,000                                                               | 128,900*               | 67,500                                                               | 154,500*               |
| 240                          | 56.1                 | 291.9                         | 22,900                                                               | 118,000*               | 56,700                                                               | 142,700*               |
| 250                          | 54.1                 | 283.2                         | 14,400                                                               | 107,900*               | 46,800                                                               | 131,700*               |
| 260                          | 51.9                 | 273.8                         | 6,500                                                                | 98,500*                | 37,600                                                               | 121,600*               |
| 270                          | 49.7                 | 263.7                         |                                                                      | 88,200*                | 29,100                                                               | 112,200*               |
| 280                          | 47.4                 | 252.8                         |                                                                      | 78,100*                | 21,100                                                               | 103,400*               |
| 290                          | 44.9                 | 240.9                         |                                                                      | 68,700*                | 13,600                                                               | 95,100*                |
| 300                          | 42.4                 | 227.9                         |                                                                      | 59,800*                | 6,500                                                                | 85,800*                |
| 310                          | 39.6                 | 213.6                         |                                                                      | 51,400*                |                                                                      | 74,500*                |
| 320                          | 36.7                 | 197.6                         |                                                                      | 43,400*                |                                                                      | 63,700*                |

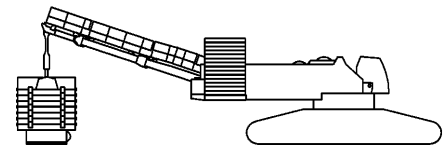


# Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
 492,000 Lb. Crane Counterweight  
 320,000 Lb. Carbody Counterweight  
 0 Lb. thru 599,800 Lb. Hanging Counterweight  
 at 59 Ft. Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

**18000 With  
 21000 MAX-ER**



## 300 Ft. Boom 90 Ft. Fixed Jib, 20 Degree Offset

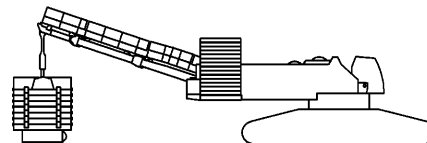
| Jib<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Feet | 467,800 Lb.<br>Hanging Counterweight                                 |                        | 599,800 Lb.<br>Hanging Counterweight                                 |                        |
|------------------------------|----------------------|-------------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|
|                              |                      |                               | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds |
| 115                          | 79.3                 | 381.0                         | 254,400                                                              | 304,500*               |                                                                      |                        |
| 120                          | 78.5                 | 379.5                         | 234,900                                                              | 304,500*               |                                                                      |                        |
| 125                          | 77.7                 | 377.9                         | 217,100                                                              | 304,500*               |                                                                      |                        |
| 130                          | 77.0                 | 376.2                         | 200,700                                                              | 304,500*               |                                                                      |                        |
| 135                          | 76.2                 | 374.4                         | 185,600                                                              | 304,500*               | 248,800                                                              | 304,500*               |
| 140                          | 75.4                 | 372.6                         | 171,700                                                              | 290,000*               | 232,500                                                              | 304,500*               |
| 145                          | 74.6                 | 370.7                         | 158,800                                                              | 275,700*               | 217,300                                                              | 304,500*               |
| 150                          | 73.8                 | 368.7                         | 146,800                                                              | 262,300*               | 203,200                                                              | 299,700*               |
| 155                          | 73.0                 | 366.6                         | 135,600                                                              | 249,800*               | 190,000                                                              | 286,000*               |
| 160                          | 72.2                 | 364.5                         | 125,200                                                              | 238,100*               | 177,700                                                              | 273,100*               |
| 165                          | 71.4                 | 362.2                         | 115,400                                                              | 227,100*               | 166,200                                                              | 261,000*               |
| 170                          | 70.5                 | 359.9                         | 106,200                                                              | 216,600*               | 155,400                                                              | 249,600*               |
| 175                          | 69.7                 | 357.5                         | 97,600                                                               | 206,800*               | 145,300                                                              | 238,900*               |
| 180                          | 68.9                 | 355.0                         | 89,400                                                               | 197,500*               | 135,700                                                              | 228,700*               |
| 185                          | 68.1                 | 352.4                         | 81,700                                                               | 188,700*               | 126,600                                                              | 219,000*               |
| 190                          | 67.2                 | 349.7                         | 74,500                                                               | 180,300*               | 118,100                                                              | 209,900*               |
| 195                          | 66.4                 | 346.9                         | 67,600                                                               | 172,200*               | 110,000                                                              | 201,200*               |
| 200                          | 65.5                 | 344.1                         | 61,000                                                               | 164,500*               | 102,300                                                              | 192,900*               |
| 210                          | 63.8                 | 338.0                         | 48,900                                                               | 150,100*               | 88,100                                                               | 177,500*               |
| 220                          | 62.0                 | 331.5                         | 37,800                                                               | 137,100*               | 75,100                                                               | 163,400*               |
| 230                          | 60.2                 | 324.6                         | 27,800                                                               | 125,100*               | 63,300                                                               | 150,600*               |
| 240                          | 58.3                 | 317.1                         | 18,500                                                               | 114,100*               | 52,500                                                               | 138,700*               |
| 250                          | 56.4                 | 309.2                         | 10,000                                                               | 104,000*               | 42,500                                                               | 127,800*               |
| 260                          | 54.5                 | 300.7                         | 2,100                                                                | 93,800*                | 33,300                                                               | 117,700*               |
| 270                          | 52.5                 | 291.5                         |                                                                      | 83,600*                | 24,700                                                               | 108,200*               |
| 280                          | 50.4                 | 281.7                         |                                                                      | 73,600*                | 16,700                                                               | 99,400*                |
| 290                          | 48.2                 | 271.2                         |                                                                      | 64,200*                | 9,200                                                                | 90,900*                |
| 300                          | 46.0                 | 259.7                         |                                                                      | 55,400*                | 2,200                                                                | 81,600*                |
| 310                          | 43.6                 | 247.4                         |                                                                      | 47,000*                |                                                                      | 72,700*                |
| 320                          | 41.1                 | 233.8                         |                                                                      | 39,100*                |                                                                      | 64,000*                |
| 330                          | 38.4                 | 218.9                         |                                                                      | 31,600*                |                                                                      | 54,000*                |

# Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
 492,000 Lb. Crane Counterweight  
 320,000 Lb. Carbody Counterweight  
 0 Lb. thru 599,800 Lb. Hanging Counterweight  
 at 59 Ft. Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

**18000 With  
 21000 MAX-ER**



## 320 Ft. Boom

## 90 Ft. Fixed Jib, 20 Degree Offset

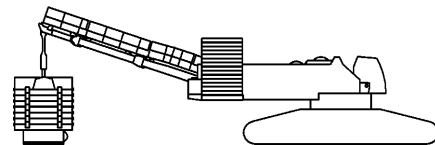
| Jib<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Feet | 599,800 Lb.<br>Hanging Counterweight                                 |                        |
|------------------------------|----------------------|-------------------------------|----------------------------------------------------------------------|------------------------|
|                              |                      |                               | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds |
| 145                          | 75.4                 | 391.8                         | 218,200                                                              | 263,000*               |
| 150                          | 74.7                 | 389.9                         | 204,000                                                              | 263,000*               |
| 155                          | 73.9                 | 388.0                         | 190,700                                                              | 263,000*               |
| 160                          | 73.2                 | 385.9                         | 178,300                                                              | 263,000*               |
| 165                          | 72.4                 | 383.8                         | 166,700                                                              | 260,400*               |
| 170                          | 71.6                 | 381.6                         | 155,900                                                              | 249,000*               |
| 175                          | 70.9                 | 379.4                         | 145,600                                                              | 238,200*               |
| 180                          | 70.1                 | 377.0                         | 136,000                                                              | 228,000*               |
| 185                          | 69.3                 | 374.6                         | 126,900                                                              | 218,300*               |
| 190                          | 68.5                 | 372.1                         | 118,300                                                              | 209,200*               |
| 195                          | 67.7                 | 369.5                         | 110,100                                                              | 200,500*               |
| 200                          | 66.9                 | 366.8                         | 102,400                                                              | 192,200*               |
| 210                          | 65.3                 | 361.1                         | 88,100                                                               | 176,800*               |
| 220                          | 63.6                 | 355.0                         | 75,100                                                               | 162,700*               |
| 230                          | 61.9                 | 348.6                         | 63,200                                                               | 149,900*               |
| 240                          | 60.2                 | 341.7                         | 52,400                                                               | 138,000*               |
| 250                          | 58.5                 | 334.3                         | 42,400                                                               | 127,100*               |
| 260                          | 56.7                 | 326.5                         | 33,100                                                               | 117,000*               |
| 270                          | 54.8                 | 318.1                         | 24,500                                                               | 107,600*               |
| 280                          | 52.9                 | 309.2                         | 16,600                                                               | 98,800*                |
| 290                          | 51.0                 | 299.7                         | 9,100                                                                | 90,100*                |
| 300                          | 49.0                 | 289.4                         | 2,100                                                                | 80,900*                |
| 310                          | 46.9                 | 278.4                         |                                                                      | 72,200*                |
| 320                          | 44.7                 | 266.5                         |                                                                      | 63,900*                |
| 330                          | 42.4                 | 253.7                         |                                                                      | 55,800*                |
| 340                          | 39.9                 | 239.6                         |                                                                      | 48,000*                |
| 350                          | 37.3                 | 224.2                         |                                                                      | 39,600*                |

# Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
 492,000 Lb. Crane Counterweight  
 320,000 Lb. Carbody Counterweight  
 0 Lb. thru 599,800 Lb. Hanging Counterweight  
 at 59 Ft. Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

## 18000 With 21000 MAX-ER



**140 Ft. Boom**

**110 Ft. Fixed Jib, 5 Degree Offset**

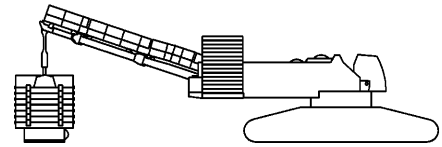
| Jib<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Feet | 0 Lb.<br>Hanging<br>Counterweight | 247,800 Lb.<br>Hanging Counterweight                                 |                        | 467,800 Lb.<br>Hanging Counterweight                                 |                        | 599,800 Lb.<br>Hanging Counterweight                                 |                        | Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------|----------------------|-------------------------------|-----------------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|------------------------------|
|                              |                      |                               | Jib Capacity<br>Pounds            | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds |                              |
| 60                           | 81.7                 | 256.3                         | 491,800*                          | 395,800                                                              | 670,800*               |                                                                      |                        |                                                                      |                        | 60                           |
| 65                           | 80.5                 | 255.1                         | 446,000*                          | 351,500                                                              | 614,500*               |                                                                      |                        |                                                                      |                        | 65                           |
| 70                           | 79.4                 | 253.9                         | 406,900*                          | 314,200                                                              | 566,000*               |                                                                      |                        |                                                                      |                        | 70                           |
| 75                           | 78.2                 | 252.5                         | 373,200*                          | 282,400                                                              | 523,800*               |                                                                      |                        |                                                                      |                        | 75                           |
| 80                           | 77.0                 | 250.9                         | 343,800*                          | 255,000                                                              | 486,600*               |                                                                      |                        |                                                                      |                        | 80                           |
| 85                           | 75.8                 | 249.3                         | 317,900*                          | 231,100                                                              | 453,800*               | 397,200                                                              | 562,400*               | 497,000                                                              | 627,600*               | 85                           |
| 90                           | 74.6                 | 247.6                         | 294,900*                          | 210,100                                                              | 424,500*               | 366,000                                                              | 527,200*               | 459,800                                                              | 588,900*               | 90                           |
| 95                           | 73.4                 | 245.7                         | 274,400*                          | 191,400                                                              | 397,400*               | 338,400                                                              | 495,600*               | 426,800                                                              | 554,100*               | 95                           |
| 100                          | 72.1                 | 243.7                         | 256,000*                          | 174,800                                                              | 372,700*               | 313,800                                                              | 467,100*               | 397,300                                                              | 522,700*               | 100                          |
| 105                          | 70.9                 | 241.6                         | 239,400*                          | 159,800                                                              | 350,400*               | 291,600                                                              | 441,300*               | 370,900                                                              | 494,300*               | 105                          |
| 110                          | 69.6                 | 239.4                         | 223,100                           | 146,300                                                              | 330,200*               | 271,600                                                              | 417,700*               | 347,000                                                              | 468,400*               | 110                          |
| 115                          | 68.4                 | 237.0                         | 207,700                           | 134,000                                                              | 311,700*               | 253,500                                                              | 396,200*               | 325,300                                                              | 444,700*               | 115                          |
| 120                          | 67.1                 | 234.5                         | 193,700                           | 122,800                                                              | 294,800*               | 236,900                                                              | 376,400*               | 305,500                                                              | 422,900*               | 120                          |
| 125                          | 65.8                 | 231.9                         | 181,000                           | 112,500                                                              | 279,200*               | 221,700                                                              | 358,100*               | 287,400                                                              | 402,800*               | 125                          |
| 130                          | 64.5                 | 229.1                         | 169,400                           | 103,100                                                              | 264,900*               | 207,800                                                              | 341,200*               | 270,700                                                              | 384,200*               | 130                          |
| 135                          | 63.2                 | 226.1                         | 158,700                           | 94,400                                                               | 251,600*               | 194,900                                                              | 325,600*               | 255,400                                                              | 367,000*               | 135                          |
| 140                          | 61.8                 | 223.0                         | 148,900                           | 86,300                                                               | 239,300*               | 183,000                                                              | 311,000*               | 241,100                                                              | 351,000*               | 140                          |
| 145                          | 60.5                 | 219.7                         | 139,800                           | 78,800                                                               | 227,800*               | 171,900                                                              | 297,400*               | 227,900                                                              | 336,000*               | 145                          |
| 150                          | 59.1                 | 216.3                         | 131,300                           | 71,800                                                               | 217,100*               | 161,600                                                              | 284,700*               | 215,600                                                              | 322,000*               | 150                          |
| 155                          | 57.7                 | 212.7                         | 123,500                           | 65,200                                                               | 207,100*               | 152,000                                                              | 272,800*               | 204,100                                                              | 308,900*               | 155                          |
| 160                          | 56.2                 | 208.8                         | 115,700*                          | 59,100                                                               | 197,700*               | 142,900                                                              | 261,600*               | 193,400                                                              | 296,600*               | 160                          |
| 165                          | 54.8                 | 204.8                         | 108,300*                          | 53,300                                                               | 188,900*               | 134,500                                                              | 251,100*               | 183,300                                                              | 285,100*               | 165                          |
| 170                          | 53.3                 | 200.6                         | 101,200*                          | 47,900                                                               | 180,600*               | 126,500                                                              | 241,000*               | 173,800                                                              | 274,200*               | 170                          |
| 175                          | 51.8                 | 196.1                         | 94,600*                           | 42,800                                                               | 172,700*               | 119,000                                                              | 231,400*               | 164,800                                                              | 263,900*               | 175                          |
| 180                          | 50.2                 | 191.4                         | 88,400*                           | 37,900                                                               | 165,300*               | 111,900                                                              | 222,300*               | 156,400                                                              | 253,300*               | 180                          |
| 185                          | 48.6                 | 186.4                         | 82,400*                           | 33,300                                                               | 158,300*               | 105,200                                                              | 213,700*               | 148,400                                                              | 241,600*               | 185                          |
| 190                          | 46.9                 | 181.1                         | 76,800*                           | 29,000                                                               | 151,600*               | 98,800                                                               | 205,600*               | 140,800                                                              | 230,500*               | 190                          |
| 195                          | 45.2                 | 175.5                         | 71,400*                           | 24,800                                                               | 145,300*               | 92,700                                                               | 197,900*               | 133,500                                                              | 219,900*               | 195                          |
| 200                          | 43.4                 | 169.5                         | 66,300*                           | 20,800                                                               | 139,200*               | 86,900                                                               | 190,500*               | 126,700                                                              | 209,700*               | 200                          |
| 210                          | 39.6                 | 156.3                         | 56,700*                           | 13,400                                                               | 127,100*               | 76,100                                                               | 172,700*               | 113,800                                                              | 190,600*               | 210                          |
| 220                          | 35.5                 | 141.0                         | 47,900*                           | 6,500                                                                | 114,900*               | 66,200                                                               | 155,900*               | 102,100                                                              | 172,800*               | 220                          |
| 230                          | 30.7                 | 122.7                         | 39,700*                           | 100                                                                  | 103,600*               | 56,900                                                               | 139,900*               | 91,100                                                               | 156,000*               | 230                          |
| 240                          | 25.0                 | 99.7                          | 31,800*                           |                                                                      | 92,900*                | 48,100                                                               | 124,300*               | 80,800                                                               | 139,400*               | 240                          |

# Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
 492,000 Lb. Crane Counterweight  
 320,000 Lb. Carbody Counterweight  
 0 Lb. thru 599,800 Lb. Hanging Counterweight  
 at 59 Ft. Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

**18000 With  
 21000 MAX-ER**



**160 Ft. Boom**

**110 Ft. Fixed Jib, 5 Degree Offset**

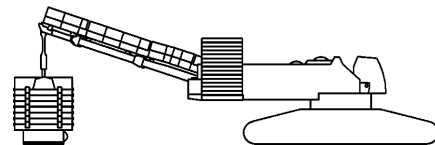
| Jib<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Feet | 0 Lb.<br>Hanging<br>Counterweight | 247,800 Lb.<br>Hanging Counterweight                                 |                        | 467,800 Lb.<br>Hanging Counterweight                                 |                        | 599,800 Lb.<br>Hanging Counterweight                                 |                        | Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------|----------------------|-------------------------------|-----------------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|------------------------------|
|                              |                      |                               | Jib Capacity<br>Pounds            | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds |                              |
| 65                           | 81.8                 | 275.4                         | 444,700*                          | 355,800                                                              | 612,600*               | 582,700                                                              | 687,400*               |                                                                      |                        | 65                           |
| 70                           | 80.7                 | 274.2                         | 405,300*                          | 317,400                                                              | 563,900*               | 525,900                                                              | 684,900*               |                                                                      |                        | 70                           |
| 75                           | 79.6                 | 272.9                         | 371,300*                          | 284,600                                                              | 521,400*               | 477,600                                                              | 644,200*               |                                                                      |                        | 75                           |
| 80                           | 78.5                 | 271.5                         | 341,700*                          | 256,400                                                              | 484,200*               | 435,900                                                              | 599,400*               | 543,800                                                              | 668,600*               | 80                           |
| 85                           | 77.4                 | 270.0                         | 315,600*                          | 231,800                                                              | 451,100*               | 399,600                                                              | 559,800*               | 500,500                                                              | 625,000*               | 85                           |
| 90                           | 76.3                 | 268.4                         | 292,500*                          | 210,200                                                              | 421,700*               | 367,700                                                              | 524,400*               | 462,400                                                              | 586,100*               | 90                           |
| 95                           | 75.2                 | 266.7                         | 271,800*                          | 191,100                                                              | 394,800*               | 339,500                                                              | 492,700*               | 428,700                                                              | 551,200*               | 95                           |
| 100                          | 74.0                 | 264.9                         | 253,300*                          | 174,000                                                              | 370,000*               | 314,300                                                              | 464,100*               | 398,600                                                              | 519,700*               | 100                          |
| 105                          | 72.9                 | 263.0                         | 236,500*                          | 158,600                                                              | 347,500*               | 291,600                                                              | 438,100*               | 371,600                                                              | 491,200*               | 105                          |
| 110                          | 71.8                 | 260.9                         | 220,900                           | 144,700                                                              | 327,200*               | 271,200                                                              | 414,500*               | 347,200                                                              | 465,100*               | 110                          |
| 115                          | 70.6                 | 258.8                         | 205,400                           | 132,200                                                              | 308,600*               | 252,700                                                              | 392,900*               | 325,100                                                              | 441,300*               | 115                          |
| 120                          | 69.4                 | 256.5                         | 191,300                           | 120,700                                                              | 291,600*               | 235,800                                                              | 373,000*               | 304,900                                                              | 419,500*               | 120                          |
| 125                          | 68.3                 | 254.1                         | 178,400                           | 110,200                                                              | 276,000*               | 220,300                                                              | 354,600*               | 286,500                                                              | 399,300*               | 125                          |
| 130                          | 67.1                 | 251.6                         | 166,700                           | 100,500                                                              | 261,600*               | 206,000                                                              | 337,700*               | 269,500                                                              | 380,700*               | 130                          |
| 135                          | 65.9                 | 248.9                         | 155,900                           | 91,600                                                               | 248,200*               | 192,900                                                              | 322,000*               | 253,800                                                              | 363,400*               | 135                          |
| 140                          | 64.7                 | 246.1                         | 146,000                           | 83,300                                                               | 235,800*               | 180,800                                                              | 307,400*               | 239,400                                                              | 347,300*               | 140                          |
| 145                          | 63.4                 | 243.1                         | 136,800                           | 75,600                                                               | 224,300*               | 169,500                                                              | 293,700*               | 225,900                                                              | 332,300*               | 145                          |
| 150                          | 62.2                 | 240.0                         | 128,300                           | 68,500                                                               | 213,500*               | 159,000                                                              | 281,000*               | 213,400                                                              | 318,300*               | 150                          |
| 155                          | 60.9                 | 236.8                         | 120,200*                          | 61,800                                                               | 203,500*               | 149,200                                                              | 269,000*               | 201,700                                                              | 305,100*               | 155                          |
| 160                          | 59.7                 | 233.4                         | 112,200*                          | 55,500                                                               | 194,000*               | 140,000                                                              | 257,800*               | 190,800                                                              | 292,800*               | 160                          |
| 165                          | 58.4                 | 229.8                         | 104,600*                          | 49,700                                                               | 185,100*               | 131,400                                                              | 247,200*               | 180,600                                                              | 281,200*               | 165                          |
| 170                          | 57.0                 | 226.1                         | 97,500*                           | 44,100                                                               | 176,800*               | 123,300                                                              | 237,200*               | 170,900                                                              | 270,300*               | 170                          |
| 175                          | 55.7                 | 222.1                         | 90,800*                           | 38,900                                                               | 168,900*               | 115,700                                                              | 227,600*               | 161,800                                                              | 259,900*               | 175                          |
| 180                          | 54.3                 | 218.0                         | 84,400*                           | 34,000                                                               | 161,500*               | 108,500                                                              | 218,500*               | 153,300                                                              | 250,100*               | 180                          |
| 185                          | 52.9                 | 213.6                         | 78,400*                           | 29,300                                                               | 154,400*               | 101,700                                                              | 209,900*               | 145,200                                                              | 240,900*               | 185                          |
| 190                          | 51.5                 | 209.1                         | 72,700*                           | 24,900                                                               | 147,700*               | 95,200                                                               | 201,700*               | 137,500                                                              | 232,100*               | 190                          |
| 195                          | 50.0                 | 204.3                         | 67,300*                           | 20,700                                                               | 141,400*               | 89,100                                                               | 194,000*               | 130,200                                                              | 223,700*               | 195                          |
| 200                          | 48.5                 | 199.2                         | 62,200*                           | 16,700                                                               | 135,300*               | 83,300                                                               | 186,600*               | 123,300                                                              | 215,800*               | 200                          |
| 210                          | 45.4                 | 188.3                         | 52,500*                           | 9,200                                                                | 123,300*               | 72,400                                                               | 172,900*               | 110,400                                                              | 199,000*               | 210                          |
| 220                          | 42.0                 | 176.0                         | 43,700*                           | 2,300                                                                | 111,100*               | 62,400                                                               | 160,400*               | 98,600                                                               | 180,800*               | 220                          |
| 230                          | 38.4                 | 162.0                         | 35,600*                           |                                                                      | 99,900*                | 53,300                                                               | 147,200*               | 87,700                                                               | 164,000*               | 230                          |
| 240                          | 34.4                 | 145.9                         | 28,000*                           |                                                                      | 89,500*                | 44,700                                                               | 132,300*               | 77,700                                                               | 148,200*               | 240                          |
| 250                          | 29.8                 | 126.6                         | 20,800*                           |                                                                      | 79,700*                | 36,700                                                               | 118,000*               | 68,200                                                               | 133,000*               | 250                          |
| 260                          | 24.2                 | 102.4                         |                                   |                                                                      | 70,300*                | 29,000                                                               | 103,800*               | 59,100                                                               | 118,000*               | 260                          |

# Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
492,000 Lb. Crane Counterweight  
320,000 Lb. Carbody Counterweight  
0 Lb. thru 599,800 Lb. Hanging Counterweight  
at 59 Ft. Position  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements

## 18000 With 21000 MAX-ER



**180 Ft. Boom**

**110 Ft. Fixed Jib, 5 Degree Offset**

| Jib<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Feet | 0 Lb.<br>Hanging<br>Counterweight | 247,800 Lb.<br>Hanging Counterweight                                 |                        | 467,800 Lb.<br>Hanging Counterweight                                 |                        | 599,800 Lb.<br>Hanging Counterweight                                 |                        | Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------|----------------------|-------------------------------|-----------------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|------------------------------|
|                              |                      |                               | Jib Capacity<br>Pounds            | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds |                              |
| 70                           | 81.7                 | 294.5                         | 404,000*                          | 320,400                                                              | 562,300*               | 531,200                                                              | 636,900*               |                                                                      |                        | 70                           |
| 75                           | 80.7                 | 293.3                         | 369,800*                          | 286,800                                                              | 519,600*               | 481,700                                                              | 636,900*               |                                                                      |                        | 75                           |
| 80                           | 79.7                 | 292.0                         | 340,000*                          | 257,900                                                              | 482,200*               | 439,200                                                              | 597,500*               |                                                                      |                        | 80                           |
| 85                           | 78.7                 | 290.6                         | 313,700*                          | 232,700                                                              | 449,000*               | 402,100                                                              | 557,700*               | 503,900                                                              | 622,900*               | 85                           |
| 90                           | 77.6                 | 289.2                         | 290,500*                          | 210,600                                                              | 419,500*               | 369,500                                                              | 522,200*               | 465,100                                                              | 583,900*               | 90                           |
| 95                           | 76.6                 | 287.6                         | 269,700*                          | 191,000                                                              | 392,700*               | 340,700                                                              | 490,400*               | 430,700                                                              | 548,900*               | 95                           |
| 100                          | 75.6                 | 285.9                         | 251,000*                          | 173,500                                                              | 367,700*               | 315,000                                                              | 461,700*               | 400,000                                                              | 517,300*               | 100                          |
| 105                          | 74.5                 | 284.1                         | 234,100*                          | 157,800                                                              | 345,200*               | 291,900                                                              | 435,600*               | 372,500                                                              | 488,600*               | 105                          |
| 110                          | 73.5                 | 282.2                         | 218,800*                          | 143,600                                                              | 324,700*               | 271,100                                                              | 411,900*               | 347,700                                                              | 462,500*               | 110                          |
| 115                          | 72.4                 | 280.2                         | 203,400                           | 130,800                                                              | 306,100*               | 252,200                                                              | 390,200*               | 325,200                                                              | 438,600*               | 115                          |
| 120                          | 71.3                 | 278.1                         | 189,200                           | 119,100                                                              | 289,000*               | 235,000                                                              | 370,200*               | 304,700                                                              | 416,700*               | 120                          |
| 125                          | 70.2                 | 275.9                         | 176,200                           | 108,300                                                              | 273,300*               | 219,300                                                              | 351,800*               | 285,900                                                              | 396,500*               | 125                          |
| 130                          | 69.2                 | 273.6                         | 164,400                           | 98,500                                                               | 258,800*               | 204,800                                                              | 334,800*               | 268,700                                                              | 377,800*               | 130                          |
| 135                          | 68.1                 | 271.2                         | 153,500                           | 89,400                                                               | 245,400*               | 191,400                                                              | 319,000*               | 252,800                                                              | 360,500*               | 135                          |
| 140                          | 66.9                 | 268.6                         | 143,500                           | 80,900                                                               | 233,000*               | 179,100                                                              | 304,400*               | 238,100                                                              | 344,300*               | 140                          |
| 145                          | 65.8                 | 265.9                         | 134,300                           | 73,100                                                               | 221,400*               | 167,600                                                              | 290,700*               | 224,400                                                              | 329,300*               | 145                          |
| 150                          | 64.7                 | 263.1                         | 125,700                           | 65,800                                                               | 210,600*               | 157,000                                                              | 277,900*               | 211,700                                                              | 315,200*               | 150                          |
| 155                          | 63.6                 | 260.1                         | 117,400*                          | 59,000                                                               | 200,500*               | 147,000                                                              | 265,900*               | 199,900                                                              | 302,000*               | 155                          |
| 160                          | 62.4                 | 257.1                         | 109,300*                          | 52,700                                                               | 191,000*               | 137,700                                                              | 254,600*               | 188,800                                                              | 289,700*               | 160                          |
| 165                          | 61.2                 | 253.8                         | 101,600*                          | 46,700                                                               | 182,100*               | 129,000                                                              | 244,100*               | 178,400                                                              | 278,000*               | 165                          |
| 170                          | 60.0                 | 250.5                         | 94,400*                           | 41,100                                                               | 173,700*               | 120,800                                                              | 234,100*               | 168,700                                                              | 267,100*               | 170                          |
| 175                          | 58.8                 | 246.9                         | 87,600*                           | 35,800                                                               | 165,800*               | 113,000                                                              | 224,500*               | 159,500                                                              | 256,700*               | 175                          |
| 180                          | 57.6                 | 243.2                         | 81,200*                           | 30,800                                                               | 158,300*               | 105,800                                                              | 215,300*               | 150,800                                                              | 246,900*               | 180                          |
| 185                          | 56.4                 | 239.4                         | 75,200*                           | 26,000                                                               | 151,200*               | 98,900                                                               | 206,700*               | 142,600                                                              | 237,600*               | 185                          |
| 190                          | 55.1                 | 235.3                         | 69,400*                           | 21,600                                                               | 144,500*               | 92,300                                                               | 198,500*               | 134,900                                                              | 228,800*               | 190                          |
| 195                          | 53.8                 | 231.1                         | 63,900*                           | 17,300                                                               | 138,100*               | 86,100                                                               | 190,700*               | 127,500                                                              | 220,400*               | 195                          |
| 200                          | 52.5                 | 226.7                         | 58,700*                           | 13,200                                                               | 132,100*               | 80,200                                                               | 183,400*               | 120,500                                                              | 212,400*               | 200                          |
| 210                          | 49.8                 | 217.2                         | 49,000*                           | 5,700                                                                | 120,200*               | 69,300                                                               | 169,600*               | 107,500                                                              | 197,600*               | 210                          |
| 220                          | 46.9                 | 206.7                         | 40,200*                           |                                                                      | 107,900*               | 59,300                                                               | 157,100*               | 95,700                                                               | 184,000*               | 220                          |
| 230                          | 43.9                 | 195.1                         | 32,000*                           |                                                                      | 96,700*                | 50,100                                                               | 145,600*               | 84,800                                                               | 170,800*               | 230                          |
| 240                          | 40.6                 | 182.1                         | 24,500*                           |                                                                      | 86,300*                | 41,600                                                               | 135,000*               | 74,800                                                               | 154,900*               | 240                          |
| 250                          | 37.1                 | 167.5                         | 17,500*                           |                                                                      | 76,700*                | 33,800                                                               | 124,200*               | 65,500                                                               | 140,000*               | 250                          |
| 260                          | 33.3                 | 150.5                         |                                   |                                                                      | 67,700*                | 26,300                                                               | 110,900*               | 56,700                                                               | 125,800*               | 260                          |
| 270                          | 28.8                 | 130.4                         |                                   |                                                                      | 59,100*                | 19,300                                                               | 98,000*                | 48,500                                                               | 112,200*               | 270                          |
| 280                          | 23.4                 | 105.0                         |                                   |                                                                      | 50,900*                | 12,400                                                               | 85,100*                | 40,500                                                               | 98,600*                | 280                          |

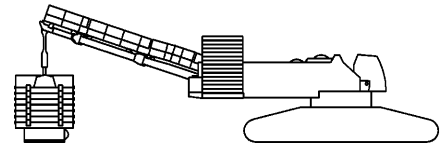


# Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
 492,000 Lb. Crane Counterweight  
 320,000 Lb. Carbody Counterweight  
 0 Lb. thru 599,800 Lb. Hanging Counterweight  
 at 59 Ft. Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

**18000 With  
 21000 MAX-ER**



## 200 Ft. Boom

### 110 Ft. Fixed Jib, 5 Degree Offset

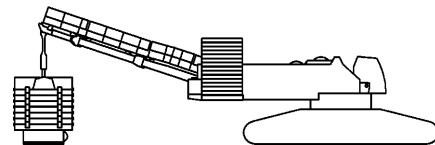
| Jib<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Feet | 247,800 Lb.<br>Hanging Counterweight                                 |                        | 467,800 Lb.<br>Hanging Counterweight                                 |                        | 599,800 Lb.<br>Hanging Counterweight                                 |                        | Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------|----------------------|-------------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|------------------------------|
|                              |                      |                               | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds |                              |
| 70                           | 81.8                 | 315.2                         | 317,800                                                              | 541,800*               |                                                                      |                        |                                                                      |                        | 70                           |
| 75                           | 80.9                 | 314.1                         | 283,800                                                              | 514,400*               |                                                                      |                        |                                                                      |                        | 75                           |
| 80                           | 79.9                 | 312.9                         | 254,400                                                              | 477,000*               | 437,100                                                              | 541,800*               |                                                                      |                        | 80                           |
| 85                           | 79.0                 | 311.6                         | 228,900                                                              | 443,800*               | 399,600                                                              | 541,800*               |                                                                      |                        | 85                           |
| 90                           | 78.0                 | 310.2                         | 206,500                                                              | 414,300*               | 366,700                                                              | 517,000*               |                                                                      |                        | 90                           |
| 95                           | 77.1                 | 308.7                         | 186,700                                                              | 387,700*               | 337,500                                                              | 485,200*               | 428,100                                                              | 541,800*               | 95                           |
| 100                          | 76.1                 | 307.2                         | 169,000                                                              | 362,700*               | 311,500                                                              | 456,500*               | 397,100                                                              | 512,100*               | 100                          |
| 105                          | 75.1                 | 305.5                         | 153,100                                                              | 340,200*               | 288,200                                                              | 430,400*               | 369,300                                                              | 483,400*               | 105                          |
| 110                          | 74.2                 | 303.8                         | 138,800                                                              | 319,700*               | 267,100                                                              | 406,700*               | 344,300                                                              | 457,300*               | 110                          |
| 115                          | 73.2                 | 301.9                         | 125,800                                                              | 301,100*               | 248,100                                                              | 385,000*               | 321,500                                                              | 433,500*               | 115                          |
| 120                          | 72.2                 | 300.0                         | 114,000                                                              | 284,000*               | 230,700                                                              | 365,000*               | 300,800                                                              | 411,500*               | 120                          |
| 125                          | 71.2                 | 298.0                         | 103,200                                                              | 268,300*               | 214,800                                                              | 346,700*               | 281,900                                                              | 391,300*               | 125                          |
| 130                          | 70.2                 | 295.8                         | 93,200                                                               | 253,800*               | 200,200                                                              | 329,700*               | 264,500                                                              | 372,600*               | 130                          |
| 135                          | 69.2                 | 293.6                         | 84,000                                                               | 240,400*               | 186,700                                                              | 313,900*               | 248,400                                                              | 355,300*               | 135                          |
| 140                          | 68.2                 | 291.2                         | 75,500                                                               | 228,000*               | 174,300                                                              | 299,200*               | 233,600                                                              | 339,200*               | 140                          |
| 145                          | 67.1                 | 288.7                         | 67,700                                                               | 216,400*               | 162,700                                                              | 285,500*               | 219,900                                                              | 324,100*               | 145                          |
| 150                          | 66.1                 | 286.2                         | 60,300                                                               | 205,600*               | 152,000                                                              | 272,800*               | 207,100                                                              | 310,100*               | 150                          |
| 155                          | 65.1                 | 283.5                         | 53,500                                                               | 195,500*               | 141,900                                                              | 260,800*               | 195,100                                                              | 296,900*               | 155                          |
| 160                          | 64.0                 | 280.6                         | 47,100                                                               | 186,000*               | 132,600                                                              | 249,500*               | 184,000                                                              | 284,600*               | 160                          |
| 165                          | 62.9                 | 277.7                         | 41,100                                                               | 177,100*               | 123,800                                                              | 239,000*               | 173,500                                                              | 272,900*               | 165                          |
| 170                          | 61.8                 | 274.6                         | 35,400                                                               | 168,700*               | 115,500                                                              | 229,000*               | 163,700                                                              | 262,000*               | 170                          |
| 175                          | 60.7                 | 271.4                         | 30,100                                                               | 160,800*               | 107,800                                                              | 219,500*               | 154,500                                                              | 251,600*               | 175                          |
| 180                          | 59.6                 | 268.1                         | 25,100                                                               | 153,300*               | 100,400                                                              | 210,400*               | 145,700                                                              | 241,800*               | 180                          |
| 185                          | 58.5                 | 264.6                         | 20,300                                                               | 146,300*               | 93,500                                                               | 201,800*               | 137,500                                                              | 232,600*               | 185                          |
| 190                          | 57.4                 | 261.0                         | 15,800                                                               | 139,600*               | 87,000                                                               | 193,600*               | 129,700                                                              | 223,800*               | 190                          |
| 195                          | 56.2                 | 257.2                         | 11,500                                                               | 133,200*               | 80,700                                                               | 185,800*               | 122,300                                                              | 215,400*               | 195                          |
| 200                          | 55.0                 | 253.2                         | 7,500                                                                | 127,200*               | 74,800                                                               | 178,400*               | 115,300                                                              | 207,400*               | 200                          |
| 210                          | 52.6                 | 244.8                         |                                                                      | 114,700*               | 63,900                                                               | 164,700*               | 102,300                                                              | 192,600*               | 210                          |
| 220                          | 50.1                 | 235.7                         |                                                                      | 102,400*               | 53,900                                                               | 152,300*               | 90,400                                                               | 179,100*               | 220                          |
| 230                          | 47.5                 | 225.6                         |                                                                      | 91,200*                | 44,700                                                               | 140,800*               | 79,600                                                               | 166,700*               | 230                          |
| 240                          | 44.8                 | 214.6                         |                                                                      | 80,900*                | 36,300                                                               | 130,300*               | 69,600                                                               | 155,300*               | 240                          |
| 250                          | 41.9                 | 202.4                         |                                                                      | 71,400*                | 28,500                                                               | 120,600*               | 60,400                                                               | 142,600*               | 250                          |
| 260                          | 38.8                 | 188.9                         |                                                                      | 62,500*                | 21,300                                                               | 111,600*               | 51,800                                                               | 128,600*               | 260                          |
| 270                          | 35.4                 | 173.6                         |                                                                      | 54,200*                | 14,500                                                               | 100,700*               | 43,800                                                               | 115,500*               | 270                          |
| 280                          | 31.7                 | 156.0                         |                                                                      | 46,400*                | 8,000                                                                | 88,900*                | 36,200                                                               | 102,900*               | 280                          |
| 290                          | 27.4                 | 135.1                         |                                                                      | 39,000*                | 1,800                                                                | 77,300*                | 29,000                                                               | 90,700*                | 290                          |
| 300                          | 22.2                 | 108.9                         |                                                                      | 31,700*                |                                                                      | 65,800*                | 22,000                                                               | 78,400*                | 300                          |

# Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
492,000 Lb. Crane Counterweight  
320,000 Lb. Carbody Counterweight  
0 Lb. thru 599,800 Lb. Hanging Counterweight  
at 59 Ft. Position  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements

**18000 With  
21000 MAX-ER**



**220 Ft. Boom**

**110 Ft. Fixed Jib, 5 Degree Offset**

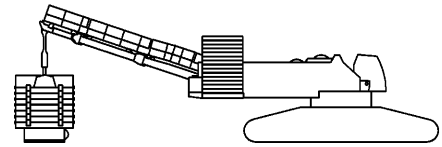
| Jib<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Feet | 247,800 Lb.<br>Hanging Counterweight                                 |                        | 467,800 Lb.<br>Hanging Counterweight                                 |                        | 599,800 Lb.<br>Hanging Counterweight                                 |                        | Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------|----------------------|-------------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|------------------------------|
|                              |                      |                               | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds |                              |
| 75                           | 81.7                 | 334.4                         | 284,800                                                              | 472,200*               |                                                                      |                        |                                                                      |                        | 75                           |
| 80                           | 80.8                 | 333.2                         | 254,800                                                              | 472,200*               |                                                                      |                        |                                                                      |                        | 80                           |
| 85                           | 79.9                 | 332.0                         | 228,700                                                              | 441,000*               | 400,600                                                              | 472,200*               |                                                                      |                        | 85                           |
| 90                           | 79.0                 | 330.8                         | 205,800                                                              | 411,300*               | 367,100                                                              | 472,200*               |                                                                      |                        | 90                           |
| 95                           | 78.1                 | 329.4                         | 185,500                                                              | 384,700*               | 337,400                                                              | 472,200*               |                                                                      |                        | 95                           |
| 100                          | 77.2                 | 327.9                         | 167,500                                                              | 359,900*               | 310,900                                                              | 453,300*               | 397,100                                                              | 472,200*               | 100                          |
| 105                          | 76.3                 | 326.4                         | 151,300                                                              | 337,200*               | 287,200                                                              | 427,100*               | 368,900                                                              | 472,200*               | 105                          |
| 110                          | 75.4                 | 324.7                         | 136,600                                                              | 316,600*               | 265,800                                                              | 403,300*               | 343,400                                                              | 454,000*               | 110                          |
| 115                          | 74.5                 | 323.0                         | 123,400                                                              | 297,900*               | 246,400                                                              | 381,500*               | 320,300                                                              | 430,000*               | 115                          |
| 120                          | 73.6                 | 321.2                         | 111,300                                                              | 280,700*               | 228,700                                                              | 361,500*               | 299,200                                                              | 408,000*               | 120                          |
| 125                          | 72.6                 | 319.3                         | 100,200                                                              | 264,900*               | 212,500                                                              | 343,100*               | 280,000                                                              | 387,700*               | 125                          |
| 130                          | 71.7                 | 317.3                         | 90,100                                                               | 250,300*               | 197,700                                                              | 326,000*               | 262,300                                                              | 369,000*               | 130                          |
| 135                          | 70.8                 | 315.2                         | 80,700                                                               | 236,900*               | 184,000                                                              | 310,200*               | 246,100                                                              | 351,600*               | 135                          |
| 140                          | 69.8                 | 313.0                         | 72,100                                                               | 224,400*               | 171,300                                                              | 295,400*               | 231,000                                                              | 335,400*               | 140                          |
| 145                          | 68.9                 | 310.8                         | 64,000                                                               | 212,700*               | 159,600                                                              | 281,700*               | 217,100                                                              | 320,300*               | 145                          |
| 150                          | 67.9                 | 308.4                         | 56,600                                                               | 201,900*               | 148,700                                                              | 268,900*               | 204,100                                                              | 306,200*               | 150                          |
| 155                          | 66.9                 | 305.9                         | 49,600                                                               | 191,700*               | 138,500                                                              | 256,900*               | 192,000                                                              | 293,000*               | 155                          |
| 160                          | 65.9                 | 303.3                         | 43,100                                                               | 182,200*               | 129,000                                                              | 245,600*               | 180,700                                                              | 280,600*               | 160                          |
| 165                          | 65.0                 | 300.6                         | 36,900                                                               | 173,200*               | 120,100                                                              | 235,000*               | 170,100                                                              | 268,900*               | 165                          |
| 170                          | 64.0                 | 297.7                         | 31,200                                                               | 164,800*               | 111,700                                                              | 224,900*               | 160,200                                                              | 257,900*               | 170                          |
| 175                          | 63.0                 | 294.8                         | 25,800                                                               | 156,900*               | 103,900                                                              | 215,500*               | 150,800                                                              | 247,500*               | 175                          |
| 180                          | 61.9                 | 291.7                         | 20,700                                                               | 149,400*               | 96,400                                                               | 206,400*               | 142,000                                                              | 237,700*               | 180                          |
| 185                          | 60.9                 | 288.6                         | 15,900                                                               | 142,300*               | 89,400                                                               | 197,800*               | 133,600                                                              | 228,400*               | 185                          |
| 190                          | 59.9                 | 285.2                         | 11,300                                                               | 135,600*               | 82,800                                                               | 189,600*               | 125,800                                                              | 219,600*               | 190                          |
| 195                          | 58.8                 | 281.8                         | 6,900                                                                | 129,200*               | 76,500                                                               | 181,800*               | 118,300                                                              | 211,200*               | 195                          |
| 200                          | 57.8                 | 278.2                         | 2,800                                                                | 123,100*               | 70,500                                                               | 174,400*               | 111,200                                                              | 203,200*               | 200                          |
| 210                          | 55.6                 | 270.6                         |                                                                      | 110,100*               | 59,400                                                               | 160,600*               | 98,000                                                               | 188,400*               | 210                          |
| 220                          | 53.3                 | 262.4                         |                                                                      | 97,800*                | 49,300                                                               | 148,100*               | 86,100                                                               | 174,800*               | 220                          |
| 230                          | 51.0                 | 253.5                         |                                                                      | 86,500*                | 40,100                                                               | 136,600*               | 75,100                                                               | 162,400*               | 230                          |
| 240                          | 48.6                 | 243.8                         |                                                                      | 76,200*                | 31,600                                                               | 126,100*               | 65,100                                                               | 151,000*               | 240                          |
| 250                          | 46.1                 | 233.2                         |                                                                      | 66,600*                | 23,800                                                               | 116,400*               | 55,800                                                               | 140,500*               | 250                          |
| 260                          | 43.4                 | 221.6                         |                                                                      | 57,700*                | 16,500                                                               | 107,400*               | 47,200                                                               | 130,700*               | 260                          |
| 270                          | 40.6                 | 208.9                         |                                                                      | 49,500*                | 9,700                                                                | 98,300*                | 39,200                                                               | 117,900*               | 270                          |
| 280                          | 37.6                 | 194.7                         |                                                                      | 41,700*                | 3,300                                                                | 88,700*                | 31,700                                                               | 105,500*               | 280                          |
| 290                          | 34.3                 | 178.7                         |                                                                      | 34,400*                |                                                                      | 79,700*                | 24,700                                                               | 93,600*                | 290                          |
| 300                          | 30.7                 | 160.4                         |                                                                      | 27,500*                |                                                                      | 69,100*                | 17,900                                                               | 82,300*                | 300                          |
| 310                          | 26.6                 | 138.7                         |                                                                      | 20,800*                |                                                                      | 58,600*                | 11,500                                                               | 71,200*                | 310                          |

# Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
 492,000 Lb. Crane Counterweight  
 320,000 Lb. Carbody Counterweight  
 0 Lb. thru 599,800 Lb. Hanging Counterweight  
 at 59 Ft. Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

**18000 With  
 21000 MAX-ER**



## 240 Ft. Boom

### 110 Ft. Fixed Jib, 5 Degree Offset

| Jib<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Feet | 247,800 Lb.<br>Hanging Counterweight                                 |                        | 467,800 Lb.<br>Hanging Counterweight                                 |                        | 599,800 Lb.<br>Hanging Counterweight                                 |                        | Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------|----------------------|-------------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|------------------------------|
|                              |                      |                               | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds |                              |
| 80                           | 81.5                 | 353.6                         | 256,000                                                              | 411,500*               |                                                                      |                        |                                                                      |                        | 80                           |
| 85                           | 80.7                 | 352.4                         | 229,400                                                              | 411,500*               |                                                                      |                        |                                                                      |                        | 85                           |
| 90                           | 79.8                 | 351.2                         | 206,000                                                              | 409,300*               |                                                                      |                        |                                                                      |                        | 90                           |
| 95                           | 79.0                 | 349.9                         | 185,400                                                              | 382,600*               | 338,200                                                              | 411,500*               |                                                                      |                        | 95                           |
| 100                          | 78.1                 | 348.6                         | 167,000                                                              | 357,900*               | 311,300                                                              | 411,500*               |                                                                      |                        | 100                          |
| 105                          | 77.3                 | 347.1                         | 150,500                                                              | 335,200*               | 287,200                                                              | 411,500*               |                                                                      |                        | 105                          |
| 110                          | 76.4                 | 345.6                         | 135,600                                                              | 314,500*               | 265,500                                                              | 401,000*               | 343,600                                                              | 411,500*               | 110                          |
| 115                          | 75.6                 | 344.0                         | 122,100                                                              | 295,700*               | 245,800                                                              | 379,200*               | 320,200                                                              | 411,500*               | 115                          |
| 120                          | 74.7                 | 342.3                         | 109,900                                                              | 278,500*               | 227,900                                                              | 359,100*               | 298,800                                                              | 405,600*               | 120                          |
| 125                          | 73.8                 | 340.5                         | 98,600                                                               | 262,600*               | 211,500                                                              | 340,600*               | 279,400                                                              | 385,300*               | 125                          |
| 130                          | 73.0                 | 338.6                         | 88,300                                                               | 248,000*               | 196,500                                                              | 323,500*               | 261,500                                                              | 366,500*               | 130                          |
| 135                          | 72.1                 | 336.7                         | 78,800                                                               | 234,500*               | 182,600                                                              | 307,600*               | 245,000                                                              | 349,000*               | 135                          |
| 140                          | 71.2                 | 334.6                         | 70,000                                                               | 221,900*               | 169,800                                                              | 292,800*               | 229,800                                                              | 332,800*               | 140                          |
| 145                          | 70.3                 | 332.5                         | 61,800                                                               | 210,200*               | 157,900                                                              | 279,100*               | 215,600                                                              | 317,700*               | 145                          |
| 150                          | 69.4                 | 330.3                         | 54,200                                                               | 199,300*               | 146,900                                                              | 266,200*               | 202,500                                                              | 303,500*               | 150                          |
| 155                          | 68.5                 | 327.9                         | 47,200                                                               | 189,100*               | 136,500                                                              | 254,200*               | 190,300                                                              | 290,300*               | 155                          |
| 160                          | 67.6                 | 325.5                         | 40,500                                                               | 179,600*               | 126,900                                                              | 242,800*               | 178,800                                                              | 277,900*               | 160                          |
| 165                          | 66.7                 | 323.0                         | 34,300                                                               | 170,600*               | 117,900                                                              | 232,200*               | 168,100                                                              | 266,200*               | 165                          |
| 170                          | 65.8                 | 320.4                         | 28,500                                                               | 162,100*               | 109,400                                                              | 222,100*               | 158,100                                                              | 255,100*               | 170                          |
| 175                          | 64.8                 | 317.7                         | 23,000                                                               | 154,200*               | 101,500                                                              | 212,700*               | 148,600                                                              | 244,700*               | 175                          |
| 180                          | 63.9                 | 314.8                         | 17,800                                                               | 146,600*               | 93,900                                                               | 203,700*               | 139,700                                                              | 234,900*               | 180                          |
| 185                          | 63.0                 | 311.9                         | 13,000                                                               | 139,500*               | 86,900                                                               | 195,000*               | 131,300                                                              | 225,600*               | 185                          |
| 190                          | 62.0                 | 308.8                         | 8,300                                                                | 132,800*               | 80,100                                                               | 186,800*               | 123,300                                                              | 216,700*               | 190                          |
| 195                          | 61.0                 | 305.7                         | 3,900                                                                | 126,400*               | 73,800                                                               | 179,000*               | 115,800                                                              | 208,300*               | 195                          |
| 200                          | 60.1                 | 302.4                         |                                                                      | 120,300*               | 67,700                                                               | 171,500*               | 108,600                                                              | 200,300*               | 200                          |
| 210                          | 58.1                 | 295.4                         |                                                                      | 107,100*               | 56,500                                                               | 157,800*               | 95,300                                                               | 185,400*               | 210                          |
| 220                          | 56.0                 | 287.9                         |                                                                      | 94,700*                | 46,400                                                               | 145,200*               | 83,300                                                               | 171,900*               | 220                          |
| 230                          | 53.9                 | 279.9                         |                                                                      | 83,400*                | 37,100                                                               | 133,700*               | 72,300                                                               | 159,400*               | 230                          |
| 240                          | 51.7                 | 271.2                         |                                                                      | 73,000*                | 28,500                                                               | 123,200*               | 62,200                                                               | 148,000*               | 240                          |
| 250                          | 49.5                 | 261.8                         |                                                                      | 63,400*                | 20,600                                                               | 113,500*               | 52,800                                                               | 137,500*               | 250                          |
| 260                          | 47.2                 | 251.6                         |                                                                      | 54,500*                | 13,400                                                               | 104,500*               | 44,200                                                               | 127,700*               | 260                          |
| 270                          | 44.7                 | 240.5                         |                                                                      | 46,200*                | 6,600                                                                | 95,300*                | 36,200                                                               | 118,600*               | 270                          |
| 280                          | 42.2                 | 228.4                         |                                                                      | 38,500*                | 200                                                                  | 85,700*                | 28,700                                                               | 108,600*               | 280                          |
| 290                          | 39.4                 | 215.1                         |                                                                      | 31,300*                |                                                                      | 76,800*                | 21,700                                                               | 96,800*                | 290                          |
| 300                          | 36.5                 | 200.3                         |                                                                      | 24,400*                |                                                                      | 68,300*                | 15,100                                                               | 85,700*                | 300                          |
| 310                          | 33.3                 | 183.7                         |                                                                      | 17,900*                |                                                                      | 60,400*                | 8,800                                                                | 75,000*                | 310                          |
| 320                          | 29.8                 | 164.6                         |                                                                      |                        |                                                                      | 52,300*                | 2,800                                                                | 64,800*                | 320                          |
| 330                          | 25.8                 | 142.1                         |                                                                      |                        |                                                                      | 42,700*                |                                                                      | 54,700*                | 330                          |

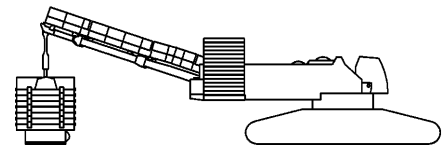


## Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
 492,000 Lb. Crane Counterweight  
 320,000 Lb. Carbody Counterweight  
 0 Lb. thru 599,800 Lb. Hanging Counterweight  
 at 59 Ft. Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

## 18000 With 21000 MAX-ER



### 260 Ft. Boom 110 Ft. Fixed Jib, 5 Degree Offset

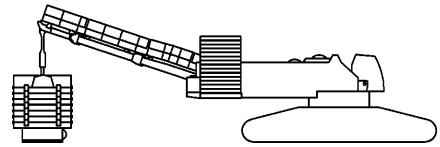
| Jib<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Feet | 467,800 Lb.<br>Hanging Counterweight                                 |                        | 599,800 Lb.<br>Hanging Counterweight                                 |                        |
|------------------------------|----------------------|-------------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|
|                              |                      |                               | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds |
| 105                          | 77.6                 | 368.2                         | 281,700                                                              | 349,300*               |                                                                      |                        |
| 110                          | 76.8                 | 366.8                         | 259,900                                                              | 349,300*               |                                                                      |                        |
| 115                          | 76.0                 | 365.3                         | 240,100                                                              | 349,300*               |                                                                      |                        |
| 120                          | 75.1                 | 363.7                         | 222,100                                                              | 349,300*               | 293,400                                                              | 349,300*               |
| 125                          | 74.3                 | 362.0                         | 205,700                                                              | 334,800*               | 273,800                                                              | 349,300*               |
| 130                          | 73.5                 | 360.3                         | 190,600                                                              | 317,700*               | 255,900                                                              | 349,300*               |
| 135                          | 72.7                 | 358.4                         | 176,700                                                              | 301,900*               | 239,300                                                              | 343,300*               |
| 140                          | 71.9                 | 356.5                         | 163,800                                                              | 287,200*               | 224,100                                                              | 327,100*               |
| 145                          | 71.0                 | 354.5                         | 151,900                                                              | 273,400*               | 209,900                                                              | 312,000*               |
| 150                          | 70.2                 | 352.4                         | 140,800                                                              | 260,600*               | 196,700                                                              | 297,900*               |
| 155                          | 69.4                 | 350.3                         | 130,500                                                              | 248,600*               | 184,400                                                              | 284,700*               |
| 160                          | 68.5                 | 348.0                         | 120,800                                                              | 237,300*               | 173,000                                                              | 272,300*               |
| 165                          | 67.6                 | 345.7                         | 111,800                                                              | 226,700*               | 162,200                                                              | 260,600*               |
| 170                          | 66.8                 | 343.2                         | 103,300                                                              | 216,600*               | 152,100                                                              | 249,600*               |
| 175                          | 65.9                 | 340.7                         | 95,300                                                               | 207,200*               | 142,700                                                              | 239,200*               |
| 180                          | 65.0                 | 338.1                         | 87,800                                                               | 198,300*               | 133,700                                                              | 229,400*               |
| 185                          | 64.2                 | 335.3                         | 80,700                                                               | 189,700*               | 125,300                                                              | 220,100*               |
| 190                          | 63.3                 | 332.5                         | 74,000                                                               | 181,500*               | 117,300                                                              | 211,300*               |
| 195                          | 62.4                 | 329.6                         | 67,600                                                               | 173,700*               | 109,800                                                              | 202,900*               |
| 200                          | 61.5                 | 326.5                         | 61,600                                                               | 166,300*               | 102,600                                                              | 195,000*               |
| 210                          | 59.6                 | 320.1                         | 50,400                                                               | 152,500*               | 89,300                                                               | 180,100*               |
| 220                          | 57.8                 | 313.3                         | 40,200                                                               | 140,000*               | 77,300                                                               | 166,600*               |
| 230                          | 55.8                 | 305.9                         | 30,900                                                               | 128,600*               | 66,300                                                               | 154,200*               |
| 240                          | 53.9                 | 298.0                         | 22,400                                                               | 118,100*               | 56,200                                                               | 142,800*               |
| 250                          | 51.8                 | 289.5                         | 14,600                                                               | 108,400*               | 46,900                                                               | 132,300*               |
| 260                          | 49.8                 | 280.3                         | 7,300                                                                | 99,500*                | 38,300                                                               | 122,600*               |
| 270                          | 47.6                 | 270.5                         | 600                                                                  | 89,400*                | 30,400                                                               | 113,600*               |
| 280                          | 45.3                 | 259.8                         |                                                                      | 79,900*                | 23,000                                                               | 105,200*               |
| 290                          | 43.0                 | 248.3                         |                                                                      | 71,100*                | 16,000                                                               | 96,200*                |
| 300                          | 40.5                 | 235.7                         |                                                                      | 62,700*                | 9,500                                                                | 85,200*                |
| 310                          | 37.8                 | 221.9                         |                                                                      | 54,900*                | 3,400                                                                | 74,700*                |
| 320                          | 35.0                 | 206.7                         |                                                                      | 47,500*                |                                                                      | 64,800*                |
| 330                          | 32.0                 | 189.5                         |                                                                      | 40,400*                |                                                                      | 55,200*                |
| 340                          | 28.6                 | 169.9                         |                                                                      | 33,700*                |                                                                      | 46,000*                |
| 350                          | 24.7                 | 146.8                         |                                                                      | 25,500*                |                                                                      | 36,800*                |

# Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
 492,000 Lb. Crane Counterweight  
 320,000 Lb. Carbody Counterweight  
 0 Lb. thru 599,800 Lb. Hanging Counterweight  
 at 59 Ft. Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

**18000 With  
 21000 MAX-ER**



## 280 Ft. Boom

### 110 Ft. Fixed Jib, 5 Degree Offset

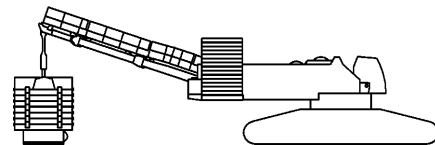
| Jib<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Feet | 467,800 Lb.<br>Hanging Counterweight                                 |                        | 599,800 Lb.<br>Hanging Counterweight                                 |                        |
|------------------------------|----------------------|-------------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|
|                              |                      |                               | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds |
| 115                          | 76.8                 | 386.1                         | 238,900                                                              | 302,200*               |                                                                      |                        |
| 120                          | 76.0                 | 384.6                         | 220,700                                                              | 302,200*               |                                                                      |                        |
| 125                          | 75.3                 | 383.0                         | 204,100                                                              | 302,200*               |                                                                      |                        |
| 130                          | 74.5                 | 381.3                         | 188,800                                                              | 302,200*               | 254,400                                                              | 302,200*               |
| 135                          | 73.7                 | 379.6                         | 174,700                                                              | 299,100*               | 237,700                                                              | 302,200*               |
| 140                          | 72.9                 | 377.8                         | 161,700                                                              | 284,300*               | 222,200                                                              | 302,200*               |
| 145                          | 72.2                 | 375.9                         | 149,700                                                              | 270,500*               | 207,900                                                              | 302,200*               |
| 150                          | 71.4                 | 373.9                         | 138,500                                                              | 257,700*               | 194,600                                                              | 295,000*               |
| 155                          | 70.6                 | 371.9                         | 128,000                                                              | 245,600*               | 182,200                                                              | 281,800*               |
| 160                          | 69.8                 | 369.8                         | 118,300                                                              | 234,300*               | 170,600                                                              | 269,300*               |
| 165                          | 69.0                 | 367.6                         | 109,100                                                              | 223,600*               | 159,800                                                              | 257,600*               |
| 170                          | 68.2                 | 365.3                         | 100,600                                                              | 213,600*               | 149,600                                                              | 246,600*               |
| 175                          | 67.4                 | 362.9                         | 92,500                                                               | 204,100*               | 140,000                                                              | 236,200*               |
| 180                          | 66.5                 | 360.5                         | 84,900                                                               | 195,200*               | 131,000                                                              | 226,400*               |
| 185                          | 65.7                 | 357.9                         | 77,700                                                               | 186,700*               | 122,500                                                              | 217,000*               |
| 190                          | 64.9                 | 355.3                         | 70,900                                                               | 178,500*               | 114,400                                                              | 208,200*               |
| 195                          | 64.1                 | 352.5                         | 64,500                                                               | 170,700*               | 106,800                                                              | 199,800*               |
| 200                          | 63.2                 | 349.7                         | 58,400                                                               | 163,200*               | 99,600                                                               | 191,800*               |
| 210                          | 61.5                 | 343.7                         | 47,100                                                               | 149,500*               | 86,200                                                               | 177,000*               |
| 220                          | 59.8                 | 337.4                         | 36,900                                                               | 136,900*               | 74,100                                                               | 163,400*               |
| 230                          | 58.0                 | 330.5                         | 27,500                                                               | 125,500*               | 63,000                                                               | 151,000*               |
| 240                          | 56.2                 | 323.2                         | 19,000                                                               | 115,000*               | 52,900                                                               | 139,600*               |
| 250                          | 54.3                 | 315.4                         | 11,100                                                               | 105,300*               | 43,500                                                               | 129,100*               |
| 260                          | 52.4                 | 307.1                         | 3,800                                                                | 96,100*                | 34,900                                                               | 119,400*               |
| 270                          | 50.4                 | 298.2                         |                                                                      | 85,900*                | 26,900                                                               | 110,400*               |
| 280                          | 48.4                 | 288.6                         |                                                                      | 76,400*                | 19,500                                                               | 101,900*               |
| 290                          | 46.3                 | 278.3                         |                                                                      | 67,500*                | 12,500                                                               | 94,100*                |
| 300                          | 44.1                 | 267.2                         |                                                                      | 59,200*                | 6,000                                                                | 85,700*                |
| 310                          | 41.8                 | 255.2                         |                                                                      | 51,400*                |                                                                      | 76,000*                |
| 320                          | 39.4                 | 242.2                         |                                                                      | 44,000*                |                                                                      | 66,100*                |
| 330                          | 36.8                 | 227.9                         |                                                                      | 37,000*                |                                                                      | 56,700*                |
| 340                          | 34.1                 | 212.0                         |                                                                      | 30,400*                |                                                                      | 47,700*                |
| 350                          | 31.1                 | 194.3                         |                                                                      | 24,000*                |                                                                      | 39,000*                |
| 360                          | 27.8                 | 174.1                         |                                                                      | 18,000*                |                                                                      | 30,500*                |
| 370                          | 24.0                 | 150.2                         |                                                                      |                        |                                                                      | 22,100*                |

# Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
 492,000 Lb. Crane Counterweight  
 320,000 Lb. Carbody Counterweight  
 0 Lb. thru 599,800 Lb. Hanging Counterweight  
 at 59 Ft. Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

**18000 With  
 21000 MAX-ER**



## 300 Ft. Boom

### 110 Ft. Fixed Jib, 5 Degree Offset

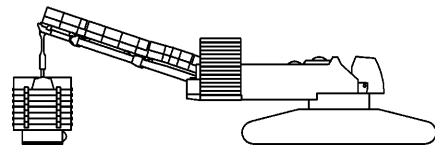
| Jib<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Feet | 467,800 Lb.<br>Hanging Counterweight                                 |                        | 599,800 Lb.<br>Hanging Counterweight                                 |                        |
|------------------------------|----------------------|-------------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|
|                              |                      |                               | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds |
| 120                          | 76.8                 | 405.3                         | 218,000                                                              | 264,100*               |                                                                      |                        |
| 125                          | 76.1                 | 403.8                         | 201,100                                                              | 264,100*               |                                                                      |                        |
| 130                          | 75.4                 | 402.3                         | 185,600                                                              | 264,100*               |                                                                      |                        |
| 135                          | 74.6                 | 400.6                         | 171,400                                                              | 264,100*               |                                                                      |                        |
| 140                          | 73.9                 | 398.9                         | 158,200                                                              | 264,100*               | 219,000                                                              | 264,100*               |
| 145                          | 73.2                 | 397.1                         | 146,000                                                              | 264,100*               | 204,500                                                              | 264,100*               |
| 150                          | 72.4                 | 395.3                         | 134,700                                                              | 253,700*               | 191,100                                                              | 264,100*               |
| 155                          | 71.7                 | 393.4                         | 124,100                                                              | 241,600*               | 178,500                                                              | 264,100*               |
| 160                          | 70.9                 | 391.4                         | 114,300                                                              | 230,200*               | 166,800                                                              | 264,100*               |
| 165                          | 70.2                 | 389.3                         | 105,000                                                              | 219,500*               | 155,900                                                              | 253,500*               |
| 170                          | 69.4                 | 387.1                         | 96,400                                                               | 209,500*               | 145,600                                                              | 242,500*               |
| 175                          | 68.6                 | 384.9                         | 88,200                                                               | 200,000*               | 135,900                                                              | 232,000*               |
| 180                          | 67.9                 | 382.6                         | 80,500                                                               | 191,000*               | 126,800                                                              | 222,200*               |
| 185                          | 67.1                 | 380.2                         | 73,300                                                               | 182,500*               | 118,200                                                              | 212,800*               |
| 190                          | 66.3                 | 377.7                         | 66,400                                                               | 174,400*               | 110,100                                                              | 204,000*               |
| 195                          | 65.5                 | 375.1                         | 60,000                                                               | 166,500*               | 102,400                                                              | 195,600*               |
| 200                          | 64.7                 | 372.5                         | 53,800                                                               | 159,100*               | 95,100                                                               | 187,600*               |
| 210                          | 63.1                 | 366.9                         | 42,400                                                               | 145,300*               | 81,600                                                               | 172,700*               |
| 220                          | 61.5                 | 360.9                         | 32,000                                                               | 132,700*               | 69,400                                                               | 159,100*               |
| 230                          | 59.9                 | 354.6                         | 22,600                                                               | 121,200*               | 58,200                                                               | 146,700*               |
| 240                          | 58.2                 | 347.8                         | 14,000                                                               | 110,700*               | 48,000                                                               | 135,300*               |
| 250                          | 56.4                 | 340.6                         | 6,000                                                                | 100,800*               | 38,600                                                               | 124,800*               |
| 260                          | 54.7                 | 332.9                         |                                                                      | 90,300*                | 29,900                                                               | 115,000*               |
| 270                          | 52.9                 | 324.7                         |                                                                      | 80,600*                | 21,900                                                               | 106,000*               |
| 280                          | 51.0                 | 316.0                         |                                                                      | 71,200*                | 14,400                                                               | 97,500*                |
| 290                          | 49.1                 | 306.7                         |                                                                      | 62,300*                | 7,400                                                                | 88,900*                |
| 300                          | 47.1                 | 296.7                         |                                                                      | 54,000*                | 900                                                                  | 80,100*                |
| 310                          | 45.1                 | 286.0                         |                                                                      | 46,200*                |                                                                      | 71,800*                |
| 320                          | 43.0                 | 274.4                         |                                                                      | 38,800*                |                                                                      | 63,700*                |
| 330                          | 40.7                 | 262.0                         |                                                                      | 31,900*                |                                                                      | 55,900*                |
| 340                          | 38.4                 | 248.4                         |                                                                      | 25,300*                |                                                                      | 46,900*                |
| 350                          | 35.9                 | 233.6                         |                                                                      | 19,000*                |                                                                      | 38,400*                |
| 360                          | 33.2                 | 217.3                         |                                                                      |                        |                                                                      | 30,200*                |
| 370                          | 30.3                 | 199.0                         |                                                                      |                        |                                                                      | 22,200*                |

# Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
 492,000 Lb. Crane Counterweight  
 320,000 Lb. Carbody Counterweight  
 0 Lb. thru 599,800 Lb. Hanging Counterweight  
 at 59 Ft. Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

**18000 With  
 21000 MAX-ER**



## 320 Ft. Boom

### 110 Ft. Fixed Jib, 5 Degree Offset

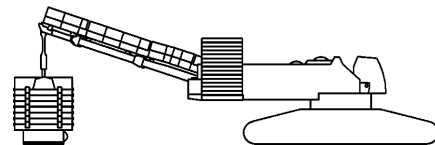
| Jib<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Feet | 599,800 Lb.<br>Hanging Counterweight                                 |                        |
|------------------------------|----------------------|-------------------------------|----------------------------------------------------------------------|------------------------|
|                              |                      |                               | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds |
| 155                          | 72.6                 | 414.7                         | 178,700                                                              | 225,100*               |
| 160                          | 71.9                 | 412.8                         | 166,900                                                              | 225,100*               |
| 165                          | 71.2                 | 410.8                         | 155,900                                                              | 225,100*               |
| 170                          | 70.5                 | 408.8                         | 145,500                                                              | 225,100*               |
| 175                          | 69.8                 | 406.7                         | 135,800                                                              | 225,100*               |
| 180                          | 69.0                 | 404.5                         | 126,600                                                              | 221,200*               |
| 185                          | 68.3                 | 402.2                         | 118,000                                                              | 211,800*               |
| 190                          | 67.6                 | 399.9                         | 109,800                                                              | 203,000*               |
| 195                          | 66.8                 | 397.4                         | 102,100                                                              | 194,500*               |
| 200                          | 66.1                 | 394.9                         | 94,700                                                               | 186,500*               |
| 210                          | 64.6                 | 389.7                         | 81,100                                                               | 171,600*               |
| 220                          | 63.1                 | 384.1                         | 68,800                                                               | 158,000*               |
| 230                          | 61.5                 | 378.2                         | 57,600                                                               | 145,600*               |
| 240                          | 59.9                 | 371.8                         | 47,300                                                               | 134,200*               |
| 250                          | 58.3                 | 365.1                         | 37,900                                                               | 123,700*               |
| 260                          | 56.7                 | 358.0                         | 29,200                                                               | 113,900*               |
| 270                          | 55.0                 | 350.4                         | 21,100                                                               | 104,900*               |
| 280                          | 53.3                 | 342.3                         | 13,600                                                               | 96,400*                |
| 290                          | 51.6                 | 333.7                         | 6,600                                                                | 87,500*                |
| 300                          | 49.7                 | 324.6                         | 100                                                                  | 78,700*                |
| 310                          | 47.9                 | 314.9                         |                                                                      | 70,400*                |
| 320                          | 46.0                 | 304.5                         |                                                                      | 62,600*                |
| 330                          | 44.0                 | 293.4                         |                                                                      | 55,200*                |
| 340                          | 41.9                 | 281.4                         |                                                                      | 47,900*                |
| 350                          | 39.7                 | 268.5                         |                                                                      | 40,900*                |
| 360                          | 37.4                 | 254.5                         |                                                                      | 33,400*                |
| 370                          | 35.0                 | 239.2                         |                                                                      | 25,600*                |
| 380                          | 32.4                 | 222.4                         |                                                                      | 18,100*                |

# Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
492,000 Lb. Crane Counterweight  
320,000 Lb. Carbody Counterweight  
0 Lb. thru 599,800 Lb. Hanging Counterweight  
at 59 Ft. Position  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements

## 18000 With 21000 MAX-ER



**140 Ft. Boom**

**110 Ft. Fixed Jib, 20 Degree Offset**

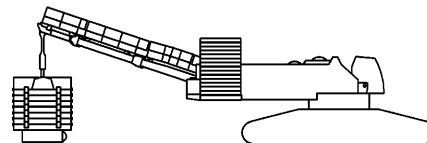
| Jib<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Feet | 0 Lb.<br>Hanging<br>Counterweight | 247,800 Lb.<br>Hanging Counterweight                                 |                        | 467,800 Lb.<br>Hanging Counterweight                                 |                        | 599,800 Lb.<br>Hanging Counterweight                                 |                        | Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------|----------------------|-------------------------------|-----------------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|------------------------------|
|                              |                      |                               | Jib Capacity<br>Pounds            | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds |                              |
| 80                           | 81.8                 | 247.8                         | 357,900*                          | 275,400                                                              | 500,100*               |                                                                      |                        |                                                                      |                        | 80                           |
| 85                           | 80.6                 | 246.2                         | 331,100*                          | 250,100                                                              | 466,300*               |                                                                      |                        |                                                                      |                        | 85                           |
| 90                           | 79.4                 | 244.4                         | 307,300*                          | 227,800                                                              | 436,300*               | 383,800                                                              | 470,500*               |                                                                      |                        | 90                           |
| 95                           | 78.2                 | 242.5                         | 286,000*                          | 208,000                                                              | 409,000*               | 355,100                                                              | 453,900*               |                                                                      |                        | 95                           |
| 100                          | 76.9                 | 240.5                         | 266,900*                          | 190,300                                                              | 383,600*               | 329,400                                                              | 438,400*               |                                                                      |                        | 100                          |
| 105                          | 75.7                 | 238.4                         | 249,600*                          | 174,400                                                              | 360,700*               | 306,300                                                              | 423,900*               |                                                                      |                        | 105                          |
| 110                          | 74.4                 | 236.1                         | 233,900*                          | 160,000                                                              | 339,800*               | 285,500                                                              | 410,300*               |                                                                      |                        | 110                          |
| 115                          | 73.1                 | 233.7                         | 218,000                           | 147,000                                                              | 320,800*               | 266,500                                                              | 397,500*               |                                                                      |                        | 115                          |
| 120                          | 71.8                 | 231.2                         | 203,400                           | 135,000                                                              | 303,400*               | 249,200                                                              | 384,700*               | 317,900                                                              | 385,400*               | 120                          |
| 125                          | 70.5                 | 228.5                         | 190,100                           | 124,100                                                              | 287,400*               | 233,400                                                              | 366,000*               | 299,100                                                              | 374,100*               | 125                          |
| 130                          | 69.2                 | 225.6                         | 178,000                           | 114,000                                                              | 272,600*               | 218,800                                                              | 348,700*               | 281,800                                                              | 363,300*               | 130                          |
| 135                          | 67.8                 | 222.6                         | 166,800                           | 104,700                                                              | 258,900*               | 205,400                                                              | 332,700*               | 265,800                                                              | 353,200*               | 135                          |
| 140                          | 66.5                 | 219.5                         | 156,500                           | 96,100                                                               | 246,200*               | 192,900                                                              | 317,700*               | 251,100                                                              | 343,600*               | 140                          |
| 145                          | 65.1                 | 216.1                         | 147,000                           | 88,000                                                               | 234,400*               | 181,300                                                              | 303,800*               | 237,300                                                              | 334,500*               | 145                          |
| 150                          | 63.7                 | 212.6                         | 138,200                           | 80,600                                                               | 223,300*               | 170,500                                                              | 290,800*               | 224,500                                                              | 325,900*               | 150                          |
| 155                          | 62.2                 | 208.9                         | 129,900                           | 73,500                                                               | 213,000*               | 160,400                                                              | 278,500*               | 212,600                                                              | 314,700*               | 155                          |
| 160                          | 60.8                 | 205.0                         | 122,300                           | 67,000                                                               | 203,300*               | 150,900                                                              | 267,000*               | 201,400                                                              | 302,100*               | 160                          |
| 165                          | 59.3                 | 200.9                         | 115,100                           | 60,800                                                               | 194,100*               | 142,000                                                              | 256,200*               | 190,800                                                              | 290,200*               | 165                          |
| 170                          | 57.7                 | 196.6                         | 108,300*                          | 54,900                                                               | 185,500*               | 133,600                                                              | 246,000*               | 180,900                                                              | 279,000*               | 170                          |
| 175                          | 56.2                 | 192.0                         | 101,200*                          | 49,400                                                               | 177,400*               | 125,700                                                              | 236,100*               | 171,600                                                              | 268,400*               | 175                          |
| 180                          | 54.6                 | 187.2                         | 94,600*                           | 44,200                                                               | 169,700*               | 118,200                                                              | 226,800*               | 162,700                                                              | 258,400*               | 180                          |
| 185                          | 52.9                 | 182.1                         | 88,300*                           | 39,200                                                               | 162,400*               | 111,100                                                              | 217,900*               | 154,400                                                              | 248,900*               | 185                          |
| 190                          | 51.2                 | 176.6                         | 82,300*                           | 34,500                                                               | 155,500*               | 104,400                                                              | 209,500*               | 146,400                                                              | 239,000*               | 190                          |
| 195                          | 49.4                 | 170.8                         | 76,600*                           | 30,000                                                               | 148,900*               | 98,000                                                               | 201,500*               | 138,800                                                              | 228,000*               | 195                          |
| 200                          | 47.6                 | 164.7                         | 71,100*                           | 25,700                                                               | 142,600*               | 91,800                                                               | 193,900*               | 131,600                                                              | 217,400*               | 200                          |
| 210                          | 43.7                 | 151.0                         | 60,800*                           | 17,500                                                               | 130,900*               | 80,300                                                               | 179,300*               | 118,100                                                              | 197,500*               | 210                          |
| 220                          | 39.4                 | 135.1                         | 51,300*                           | 9,900                                                                | 118,400*               | 69,700                                                               | 161,700*               | 105,600                                                              | 178,800*               | 220                          |
| 230                          | 34.3                 | 115.8                         | 42,300*                           | 2,700                                                                | 106,300*               | 59,600                                                               | 144,800*               | 93,800                                                               | 161,000*               | 230                          |

# Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
 492,000 Lb. Crane Counterweight  
 320,000 Lb. Carbody Counterweight  
 0 Lb. thru 599,800 Lb. Hanging Counterweight  
 at 59 Ft. Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

## 18000 With 21000 MAX-ER



**160 Ft. Boom**

**110 Ft. Fixed Jib, 20 Degree Offset**

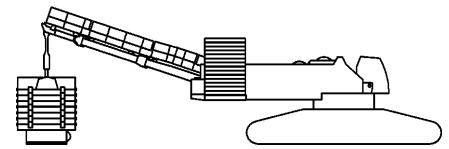
| Jib<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Feet | 0 Lb.<br>Hanging<br>Counterweight | 247,800 Lb.<br>Hanging Counterweight                                 |                        | 467,800 Lb.<br>Hanging Counterweight                                 |                        | 599,800 Lb.<br>Hanging Counterweight                                 |                        | Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------|----------------------|-------------------------------|-----------------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|------------------------------|
|                              |                      |                               | Jib Capacity<br>Pounds            | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds |                              |
| 85                           | 81.8                 | 266.4                         | 330,100*                          | 253,000                                                              | 464,900*               |                                                                      |                        |                                                                      |                        | 85                           |
| 90                           | 80.7                 | 264.8                         | 306,000*                          | 230,000                                                              | 434,600*               | 387,700                                                              | 463,800*               |                                                                      |                        | 90                           |
| 95                           | 79.6                 | 263.0                         | 284,500*                          | 209,500                                                              | 407,400*               | 358,200                                                              | 449,100*               |                                                                      |                        | 95                           |
| 100                          | 78.4                 | 261.2                         | 265,200*                          | 191,300                                                              | 381,900*               | 331,800                                                              | 435,200*               |                                                                      |                        | 100                          |
| 105                          | 77.3                 | 259.2                         | 247,800*                          | 174,900                                                              | 358,800*               | 308,100                                                              | 422,100*               |                                                                      |                        | 105                          |
| 110                          | 76.1                 | 257.2                         | 231,900*                          | 160,100                                                              | 337,800*               | 286,700                                                              | 409,800*               |                                                                      |                        | 110                          |
| 115                          | 75.0                 | 255.0                         | 216,700                           | 146,600                                                              | 318,700*               | 267,300                                                              | 398,100*               |                                                                      |                        | 115                          |
| 120                          | 73.8                 | 252.7                         | 201,900                           | 134,300                                                              | 301,100*               | 249,600                                                              | 382,200*               | 318,800                                                              | 387,100*               | 120                          |
| 125                          | 72.6                 | 250.2                         | 188,500                           | 123,100                                                              | 285,000*               | 233,300                                                              | 363,400*               | 299,600                                                              | 376,600*               | 125                          |
| 130                          | 71.4                 | 247.6                         | 176,200                           | 112,700                                                              | 270,100*               | 218,400                                                              | 346,000*               | 281,900                                                              | 366,600*               | 130                          |
| 135                          | 70.2                 | 244.9                         | 164,900                           | 103,200                                                              | 256,300*               | 204,600                                                              | 329,900*               | 265,600                                                              | 357,100*               | 135                          |
| 140                          | 68.9                 | 242.1                         | 154,500                           | 94,300                                                               | 243,500*               | 191,900                                                              | 314,800*               | 250,500                                                              | 348,200*               | 140                          |
| 145                          | 67.7                 | 239.1                         | 144,800                           | 86,000                                                               | 231,600*               | 180,000                                                              | 300,800*               | 236,500                                                              | 339,400*               | 145                          |
| 150                          | 66.4                 | 235.9                         | 135,900                           | 78,400                                                               | 220,500*               | 169,000                                                              | 287,700*               | 223,500                                                              | 325,100*               | 150                          |
| 155                          | 65.1                 | 232.6                         | 127,600                           | 71,200                                                               | 210,100*               | 158,700                                                              | 275,500*               | 211,300                                                              | 311,600*               | 155                          |
| 160                          | 63.8                 | 229.1                         | 119,800                           | 64,500                                                               | 200,300*               | 149,000                                                              | 263,900*               | 199,900                                                              | 298,900*               | 160                          |
| 165                          | 62.5                 | 225.5                         | 112,600                           | 58,100                                                               | 191,100*               | 140,000                                                              | 253,000*               | 189,200                                                              | 287,000*               | 165                          |
| 170                          | 61.1                 | 221.6                         | 105,500*                          | 52,200                                                               | 182,500*               | 131,400                                                              | 242,800*               | 179,100                                                              | 275,800*               | 170                          |
| 175                          | 59.8                 | 217.6                         | 98,400*                           | 46,500                                                               | 174,300*               | 123,400                                                              | 233,000*               | 169,600                                                              | 265,200*               | 175                          |
| 180                          | 58.4                 | 213.4                         | 91,600*                           | 41,200                                                               | 166,600*               | 115,800                                                              | 223,600*               | 160,600                                                              | 255,100*               | 180                          |
| 185                          | 56.9                 | 209.0                         | 85,200*                           | 36,200                                                               | 159,200*               | 108,600                                                              | 214,700*               | 152,100                                                              | 245,600*               | 185                          |
| 190                          | 55.5                 | 204.3                         | 79,200*                           | 31,300                                                               | 152,300*               | 101,800                                                              | 206,300*               | 144,100                                                              | 236,500*               | 190                          |
| 195                          | 54.0                 | 199.4                         | 73,400*                           | 26,800                                                               | 145,700*               | 95,300                                                               | 198,300*               | 136,400                                                              | 227,900*               | 195                          |
| 200                          | 52.4                 | 194.2                         | 67,900*                           | 22,400                                                               | 139,400*               | 89,100                                                               | 190,600*               | 129,100                                                              | 219,700*               | 200                          |
| 210                          | 49.2                 | 182.9                         | 57,600*                           | 14,200                                                               | 127,600*               | 77,500                                                               | 176,400*               | 115,500                                                              | 204,400*               | 210                          |
| 220                          | 45.7                 | 170.2                         | 48,100*                           | 6,700                                                                | 115,600*               | 66,900                                                               | 163,400*               | 103,100                                                              | 188,000*               | 220                          |
| 230                          | 41.9                 | 155.7                         | 39,300*                           |                                                                      | 103,600*               | 57,000                                                               | 151,400*               | 91,500                                                               | 170,200*               | 230                          |
| 240                          | 37.7                 | 138.7                         | 31,000*                           |                                                                      | 92,500*                | 47,800                                                               | 137,400*               | 80,700                                                               | 153,500*               | 240                          |

# Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
 492,000 Lb. Crane Counterweight  
 320,000 Lb. Carbody Counterweight  
 0 Lb. thru 599,800 Lb. Hanging Counterweight  
 at 59 Ft. Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

## 18000 With 21000 MAX-ER



**180 Ft. Boom**

**110 Ft. Fixed Jib, 20 Degree Offset**

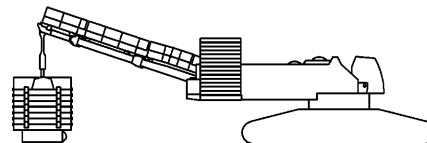
| Jib<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Feet | 0 Lb.<br>Hanging<br>Counterweight | 247,800 Lb.<br>Hanging Counterweight                                 |                        | 467,800 Lb.<br>Hanging Counterweight                                 |                        | 599,800 Lb.<br>Hanging Counterweight                                 |                        | Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------|----------------------|-------------------------------|-----------------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|------------------------------|
|                              |                      |                               | Jib Capacity<br>Pounds            | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds |                              |
| 90                           | 81.7                 | 285.1                         | 305,100*                          | 232,100                                                              | 433,400*               | 361,100                                                              | 443,000*               |                                                                      |                        | 90                           |
| 95                           | 80.7                 | 283.5                         | 283,400*                          | 211,100                                                              | 406,000*               | 334,100                                                              | 430,600*               |                                                                      |                        | 95                           |
| 100                          | 79.6                 | 281.8                         | 263,900*                          | 192,400                                                              | 380,600*               | 309,900                                                              | 418,900*               |                                                                      |                        | 100                          |
| 105                          | 78.6                 | 280.0                         | 246,300*                          | 175,500                                                              | 357,400*               | 288,000                                                              | 407,300*               |                                                                      |                        | 105                          |
| 110                          | 77.5                 | 278.0                         | 230,300*                          | 160,300                                                              | 336,200*               | 268,200                                                              | 396,700*               |                                                                      |                        | 110                          |
| 115                          | 76.4                 | 276.0                         | 215,700                           | 146,500                                                              | 317,000*               | 250,100                                                              | 380,200*               | 319,900                                                              | 386,700*               | 115                          |
| 120                          | 75.3                 | 273.9                         | 200,700                           | 133,900                                                              | 299,300*               | 233,500                                                              | 361,300*               | 300,300                                                              | 377,000*               | 120                          |
| 125                          | 74.2                 | 271.6                         | 187,100                           | 122,400                                                              | 283,100*               | 218,300                                                              | 343,800*               | 282,300                                                              | 367,800*               | 125                          |
| 130                          | 73.1                 | 269.3                         | 174,700                           | 111,800                                                              | 268,100*               | 204,200                                                              | 327,600*               | 265,700                                                              | 359,100*               | 130                          |
| 135                          | 72.0                 | 266.8                         | 163,300                           | 102,000                                                              | 254,200*               | 191,300                                                              | 312,500*               | 250,300                                                              | 350,800*               | 135                          |
| 140                          | 70.9                 | 264.2                         | 152,800                           | 93,000                                                               | 241,400*               | 179,200                                                              | 298,400*               | 236,100                                                              | 337,000*               | 140                          |
| 145                          | 69.8                 | 261.4                         | 143,100                           | 84,500                                                               | 229,400*               | 168,000                                                              | 285,300*               | 222,800                                                              | 322,600*               | 145                          |
| 150                          | 68.6                 | 258.6                         | 134,000                           | 76,700                                                               | 218,200*               | 157,500                                                              | 273,000*               | 210,400                                                              | 309,100*               | 150                          |
| 155                          | 67.4                 | 255.6                         | 125,600                           | 69,400                                                               | 207,700*               | 147,600                                                              | 261,400*               | 198,800                                                              | 296,400*               | 155                          |
| 160                          | 66.3                 | 252.4                         | 117,800                           | 62,500                                                               | 197,900*               | 138,400                                                              | 250,500*               | 188,000                                                              | 284,400*               | 160                          |
| 165                          | 65.1                 | 249.1                         | 110,500                           | 56,000                                                               | 188,600*               | 129,800                                                              | 240,200*               | 177,700                                                              | 273,200*               | 165                          |
| 170                          | 63.8                 | 245.7                         | 103,300*                          | 50,000                                                               | 179,900*               | 121,600                                                              | 230,400*               | 168,100                                                              | 262,500*               | 170                          |
| 175                          | 62.6                 | 242.1                         | 96,000*                           | 44,200                                                               | 171,700*               | 113,900                                                              | 221,000*               | 159,000                                                              | 252,400*               | 175                          |
| 180                          | 61.4                 | 238.3                         | 89,200*                           | 38,800                                                               | 164,000*               | 106,600                                                              | 212,100*               | 150,400                                                              | 242,900*               | 180                          |
| 185                          | 60.1                 | 234.4                         | 82,800*                           | 33,700                                                               | 156,600*               | 99,700                                                               | 203,600*               | 142,300                                                              | 233,800*               | 185                          |
| 190                          | 58.8                 | 230.3                         | 76,600*                           | 28,800                                                               | 149,600*               | 93,100                                                               | 195,600*               | 134,500                                                              | 225,200*               | 190                          |
| 195                          | 57.5                 | 225.9                         | 70,800*                           | 24,200                                                               | 143,000*               | 86,900                                                               | 188,000*               | 127,200                                                              | 217,000*               | 195                          |
| 200                          | 56.1                 | 221.4                         | 65,200*                           | 19,800                                                               | 136,700*               | 75,200                                                               | 173,700*               | 113,500                                                              | 201,600*               | 200                          |
| 210                          | 53.3                 | 211.7                         | 54,900*                           | 11,500                                                               | 124,900*               | 64,500                                                               | 160,700*               | 101,000                                                              | 187,600*               | 210                          |
| 220                          | 50.4                 | 200.9                         | 45,300*                           | 4,000                                                                | 113,200*               | 54,700                                                               | 148,800*               | 89,400                                                               | 174,700*               | 220                          |
| 230                          | 47.3                 | 188.9                         | 36,600*                           |                                                                      | 101,300*               | 45,600                                                               | 137,800*               | 78,800                                                               | 161,300*               | 230                          |
| 240                          | 43.9                 | 175.4                         | 28,400*                           |                                                                      | 90,300*                | 37,100                                                               | 127,500*               | 68,800                                                               | 145,500*               | 240                          |
| 250                          | 40.2                 | 160.1                         | 20,700*                           |                                                                      | 80,000*                | 29,000                                                               | 115,400*               | 59,400                                                               | 130,400*               | 250                          |
| 260                          | 36.2                 | 142.2                         |                                   |                                                                      | 70,300*                |                                                                      |                        |                                                                      |                        | 260                          |

# Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
 492,000 Lb. Crane Counterweight  
 320,000 Lb. Carbody Counterweight  
 0 Lb. thru 599,800 Lb. Hanging Counterweight  
 at 59 Ft. Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

## 18000 With 21000 MAX-ER



### 200 Ft. Boom

### 110 Ft. Fixed Jib, 20 Degree Offset

| Jib<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Feet | 247,800 Lb.<br>Hanging Counterweight                                 |                        | 467,800 Lb.<br>Hanging Counterweight                                 |                        | 599,800 Lb.<br>Hanging Counterweight                                 |                        | Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------|----------------------|-------------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|------------------------------|
|                              |                      |                               | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds |                              |
| 90                           | 81.9                 | 306.3                         | 230,200                                                              | 429,500*               |                                                                      |                        |                                                                      |                        | 90                           |
| 95                           | 80.9                 | 304.8                         | 208,800                                                              | 402,000*               | 360,000                                                              | 454,800*               |                                                                      |                        | 95                           |
| 100                          | 80.0                 | 303.2                         | 189,800                                                              | 376,800*               | 332,600                                                              | 442,900*               |                                                                      |                        | 100                          |
| 105                          | 79.0                 | 301.5                         | 172,600                                                              | 353,500*               | 308,000                                                              | 431,600*               |                                                                      |                        | 105                          |
| 110                          | 78.0                 | 299.8                         | 157,200                                                              | 332,300*               | 285,800                                                              | 418,800*               |                                                                      |                        | 110                          |
| 115                          | 77.0                 | 297.9                         | 143,200                                                              | 313,000*               | 265,700                                                              | 396,500*               |                                                                      |                        | 115                          |
| 120                          | 76.0                 | 295.9                         | 130,400                                                              | 295,300*               | 247,300                                                              | 376,000*               | 317,600                                                              | 400,500*               | 120                          |
| 125                          | 75.0                 | 293.9                         | 118,700                                                              | 279,100*               | 230,600                                                              | 357,100*               | 297,800                                                              | 390,800*               | 125                          |
| 130                          | 74.0                 | 291.7                         | 108,000                                                              | 264,000*               | 215,100                                                              | 339,600*               | 279,600                                                              | 381,800*               | 130                          |
| 135                          | 72.9                 | 289.4                         | 98,100                                                               | 250,100*               | 200,900                                                              | 323,300*               | 262,800                                                              | 364,800*               | 135                          |
| 140                          | 71.9                 | 287.0                         | 88,900                                                               | 237,200*               | 187,800                                                              | 308,200*               | 247,200                                                              | 348,200*               | 140                          |
| 145                          | 70.9                 | 284.5                         | 80,300                                                               | 225,200*               | 175,600                                                              | 294,200*               | 232,800                                                              | 332,800*               | 145                          |
| 150                          | 69.8                 | 281.9                         | 72,400                                                               | 214,000*               | 164,200                                                              | 281,000*               | 219,400                                                              | 318,300*               | 150                          |
| 155                          | 68.7                 | 279.1                         | 65,000                                                               | 203,500*               | 153,600                                                              | 268,600*               | 206,900                                                              | 304,800*               | 155                          |
| 160                          | 67.7                 | 276.3                         | 58,100                                                               | 193,700*               | 143,700                                                              | 257,000*               | 195,200                                                              | 292,100*               | 160                          |
| 165                          | 66.6                 | 273.3                         | 51,500                                                               | 184,500*               | 134,400                                                              | 246,100*               | 184,200                                                              | 280,100*               | 165                          |
| 170                          | 65.5                 | 270.2                         | 45,400                                                               | 175,700*               | 125,700                                                              | 235,800*               | 173,900                                                              | 268,800*               | 170                          |
| 175                          | 64.4                 | 266.9                         | 39,600                                                               | 167,500*               | 117,400                                                              | 226,100*               | 164,200                                                              | 258,200*               | 175                          |
| 180                          | 63.2                 | 263.5                         | 34,200                                                               | 159,800*               | 109,700                                                              | 216,800*               | 155,000                                                              | 248,100*               | 180                          |
| 185                          | 62.1                 | 260.0                         | 29,000                                                               | 152,400*               | 102,300                                                              | 207,900*               | 146,400                                                              | 238,500*               | 185                          |
| 190                          | 60.9                 | 256.3                         | 24,100                                                               | 145,400*               | 95,300                                                               | 199,400*               | 138,200                                                              | 229,500*               | 190                          |
| 195                          | 59.7                 | 252.4                         | 19,500                                                               | 138,800*               | 88,700                                                               | 191,400*               | 130,400                                                              | 220,900*               | 195                          |
| 200                          | 58.5                 | 248.4                         | 15,000                                                               | 132,500*               | 82,500                                                               | 183,800*               | 123,000                                                              | 212,600*               | 200                          |
| 210                          | 56.1                 | 239.8                         | 6,800                                                                | 120,800*               | 70,800                                                               | 169,600*               | 109,300                                                              | 197,400*               | 210                          |
| 220                          | 53.5                 | 230.4                         |                                                                      | 108,700*               | 60,100                                                               | 156,600*               | 96,700                                                               | 183,400*               | 220                          |
| 230                          | 50.8                 | 220.1                         |                                                                      | 96,800*                | 50,300                                                               | 144,700*               | 85,200                                                               | 170,600*               | 230                          |
| 240                          | 48.0                 | 208.8                         |                                                                      | 85,900*                | 41,300                                                               | 133,800*               | 74,700                                                               | 158,700*               | 240                          |
| 250                          | 45.0                 | 196.2                         |                                                                      | 75,800*                | 32,900                                                               | 123,700*               | 64,800                                                               | 147,800*               | 250                          |
| 260                          | 41.8                 | 182.2                         |                                                                      | 66,300*                | 25,000                                                               | 114,200*               | 55,600                                                               | 134,700*               | 260                          |
| 270                          | 38.3                 | 166.2                         |                                                                      | 57,400*                | 17,600                                                               | 105,400*               | 47,000                                                               | 120,700*               | 270                          |
| 280                          | 34.4                 | 147.7                         |                                                                      | 48,900*                | 10,500                                                               | 93,100*                | 38,800                                                               | 107,200*               | 280                          |

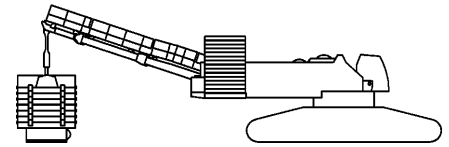


# Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
 492,000 Lb. Crane Counterweight  
 320,000 Lb. Carbody Counterweight  
 0 Lb. thru 599,800 Lb. Hanging Counterweight  
 at 59 Ft. Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

**18000 With  
 21000 MAX-ER**



**220 Ft. Boom**

**110 Ft. Fixed Jib, 20 Degree Offset**

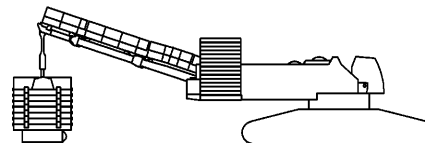
| Jib<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Feet | 247,800 Lb.<br>Hanging Counterweight                                 |                        | 467,800 Lb.<br>Hanging Counterweight                                 |                        | 599,800 Lb.<br>Hanging Counterweight                                 |                        | Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------|----------------------|-------------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|------------------------------|
|                              |                      |                               | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds |                              |
| 95                           | 81.7                 | 325.1                         | 209,500                                                              | 400,100*               | 361,800                                                              | 432,400*               |                                                                      |                        | 95                           |
| 100                          | 80.8                 | 323.6                         | 189,900                                                              | 375,100*               | 333,800                                                              | 432,400*               |                                                                      |                        | 100                          |
| 105                          | 79.9                 | 322.1                         | 172,400                                                              | 351,600*               | 308,700                                                              | 424,700*               |                                                                      |                        | 105                          |
| 110                          | 79.0                 | 320.4                         | 156,600                                                              | 330,200*               | 286,000                                                              | 415,200*               |                                                                      |                        | 110                          |
| 115                          | 78.0                 | 318.7                         | 142,200                                                              | 310,800*               | 265,500                                                              | 394,000*               |                                                                      |                        | 115                          |
| 120                          | 77.1                 | 316.8                         | 129,100                                                              | 293,000*               | 246,800                                                              | 373,300*               | 317,500                                                              | 397,100*               | 120                          |
| 125                          | 76.2                 | 314.9                         | 117,100                                                              | 276,600*               | 229,700                                                              | 354,300*               | 297,300                                                              | 388,300*               | 125                          |
| 130                          | 75.2                 | 312.9                         | 106,100                                                              | 261,500*               | 214,000                                                              | 336,700*               | 278,800                                                              | 379,700*               | 130                          |
| 135                          | 74.3                 | 310.8                         | 96,000                                                               | 247,500*               | 199,500                                                              | 320,400*               | 261,700                                                              | 361,800*               | 135                          |
| 140                          | 73.3                 | 308.6                         | 86,600                                                               | 234,500*               | 186,100                                                              | 305,200*               | 245,900                                                              | 345,200*               | 140                          |
| 145                          | 72.3                 | 306.2                         | 77,900                                                               | 222,400*               | 173,600                                                              | 291,100*               | 231,200                                                              | 329,700*               | 145                          |
| 150                          | 71.4                 | 303.8                         | 69,800                                                               | 211,100*               | 162,100                                                              | 277,800*               | 217,600                                                              | 315,200*               | 150                          |
| 155                          | 70.4                 | 301.3                         | 62,200                                                               | 200,500*               | 151,300                                                              | 265,400*               | 204,900                                                              | 301,600*               | 155                          |
| 160                          | 69.4                 | 298.6                         | 55,100                                                               | 190,600*               | 141,200                                                              | 253,800*               | 193,000                                                              | 288,800*               | 160                          |
| 165                          | 68.4                 | 295.9                         | 48,400                                                               | 181,300*               | 131,700                                                              | 242,800*               | 181,800                                                              | 276,800*               | 165                          |
| 170                          | 67.4                 | 293.0                         | 42,200                                                               | 172,500*               | 122,900                                                              | 232,500*               | 171,300                                                              | 265,500*               | 170                          |
| 175                          | 66.3                 | 290.0                         | 36,300                                                               | 164,300*               | 114,500                                                              | 222,700*               | 161,500                                                              | 254,800*               | 175                          |
| 180                          | 65.3                 | 286.9                         | 30,700                                                               | 156,500*               | 106,600                                                              | 213,500*               | 152,200                                                              | 244,600*               | 180                          |
| 185                          | 64.3                 | 283.7                         | 25,500                                                               | 149,100*               | 99,100                                                               | 204,500*               | 143,400                                                              | 235,000*               | 185                          |
| 190                          | 63.2                 | 280.3                         | 20,500                                                               | 142,000*               | 92,100                                                               | 196,000*               | 135,100                                                              | 225,900*               | 190                          |
| 195                          | 62.1                 | 276.8                         | 15,700                                                               | 135,400*               | 85,400                                                               | 188,000*               | 127,200                                                              | 217,300*               | 195                          |
| 200                          | 61.0                 | 273.1                         | 11,200                                                               | 129,000*               | 79,000                                                               | 180,300*               | 119,700                                                              | 209,000*               | 200                          |
| 210                          | 58.8                 | 265.4                         | 2,800                                                                | 117,200*               | 67,200                                                               | 166,000*               | 105,800                                                              | 193,700*               | 210                          |
| 220                          | 56.5                 | 257.0                         |                                                                      | 104,800*               | 56,400                                                               | 153,000*               | 93,200                                                               | 179,700*               | 220                          |
| 230                          | 54.2                 | 247.8                         |                                                                      | 92,900*                | 46,500                                                               | 141,100*               | 81,600                                                               | 166,800*               | 230                          |
| 240                          | 51.7                 | 237.9                         |                                                                      | 81,900*                | 37,400                                                               | 130,200*               | 70,900                                                               | 155,000*               | 240                          |
| 250                          | 49.1                 | 227.0                         |                                                                      | 71,800*                | 29,000                                                               | 120,000*               | 61,100                                                               | 144,000*               | 250                          |
| 260                          | 46.4                 | 215.1                         |                                                                      | 62,300*                | 21,100                                                               | 110,600*               | 51,900                                                               | 133,900*               | 260                          |
| 270                          | 43.5                 | 201.9                         |                                                                      | 53,500*                | 13,700                                                               | 101,800*               | 43,300                                                               | 124,200*               | 270                          |
| 280                          | 40.3                 | 187.2                         |                                                                      | 45,100*                | 6,800                                                                | 92,200*                | 35,200                                                               | 110,900*               | 280                          |
| 290                          | 36.9                 | 170.5                         |                                                                      | 37,200*                | 200                                                                  | 82,600*                | 27,500                                                               | 98,300*                | 290                          |

# Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
 492,000 Lb. Crane Counterweight  
 320,000 Lb. Carbody Counterweight  
 0 Lb. thru 599,800 Lb. Hanging Counterweight  
 at 59 Ft. Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

## 18000 With 21000 MAX-ER



**240 Ft. Boom**

**110 Ft. Fixed Jib, 20 Degree Offset**

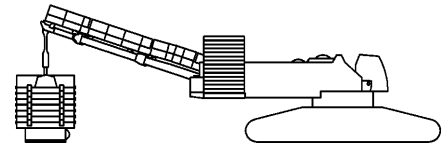
| Jib<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Feet | 247,800 Lb.<br>Hanging Counterweight                                 |                        | 467,800 Lb.<br>Hanging Counterweight                                 |                        | 599,800 Lb.<br>Hanging Counterweight                                 |                        | Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------|----------------------|-------------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|------------------------------|
|                              |                      |                               | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds |                              |
| 100                          | 81.5                 | 344.1                         | 190,800                                                              | 373,800*               |                                                                      |                        |                                                                      |                        | 100                          |
| 105                          | 80.6                 | 342.6                         | 172,900                                                              | 350,300*               | 310,000                                                              | 380,000*               |                                                                      |                        | 105                          |
| 110                          | 79.8                 | 341.0                         | 156,700                                                              | 328,900*               | 287,000                                                              | 380,000*               |                                                                      |                        | 110                          |
| 115                          | 78.9                 | 339.4                         | 142,100                                                              | 309,300*               | 266,100                                                              | 380,000*               |                                                                      |                        | 115                          |
| 120                          | 78.0                 | 337.7                         | 128,700                                                              | 291,400*               | 247,100                                                              | 371,600*               | 318,200                                                              | 380,000*               | 120                          |
| 125                          | 77.1                 | 335.9                         | 116,500                                                              | 274,900*               | 229,700                                                              | 352,500*               | 297,700                                                              | 380,000*               | 125                          |
| 130                          | 76.3                 | 334.0                         | 105,300                                                              | 259,700*               | 213,700                                                              | 334,800*               | 278,900                                                              | 376,300*               | 130                          |
| 135                          | 75.4                 | 332.0                         | 95,000                                                               | 245,700*               | 199,000                                                              | 318,500*               | 261,600                                                              | 359,900*               | 135                          |
| 140                          | 74.5                 | 329.9                         | 85,400                                                               | 232,600*               | 185,400                                                              | 303,200*               | 245,500                                                              | 343,200*               | 140                          |
| 145                          | 73.6                 | 327.8                         | 76,500                                                               | 220,500*               | 172,800                                                              | 289,000*               | 230,700                                                              | 327,600*               | 145                          |
| 150                          | 72.7                 | 325.5                         | 68,300                                                               | 209,100*               | 161,100                                                              | 275,700*               | 216,800                                                              | 313,000*               | 150                          |
| 155                          | 71.7                 | 323.2                         | 60,600                                                               | 198,500*               | 150,100                                                              | 263,300*               | 204,000                                                              | 299,400*               | 155                          |
| 160                          | 70.8                 | 320.7                         | 53,400                                                               | 188,500*               | 139,900                                                              | 251,600*               | 191,900                                                              | 286,600*               | 160                          |
| 165                          | 69.9                 | 318.1                         | 46,600                                                               | 179,200*               | 130,300                                                              | 240,600*               | 180,600                                                              | 274,500*               | 165                          |
| 170                          | 69.0                 | 315.5                         | 40,200                                                               | 170,400*               | 121,300                                                              | 230,200*               | 170,000                                                              | 263,200*               | 170                          |
| 175                          | 68.0                 | 312.7                         | 34,300                                                               | 162,100*               | 112,800                                                              | 220,400*               | 160,100                                                              | 252,400*               | 175                          |
| 180                          | 67.1                 | 309.8                         | 28,600                                                               | 154,200*               | 104,800                                                              | 211,100*               | 150,700                                                              | 242,300*               | 180                          |
| 185                          | 66.1                 | 306.8                         | 23,300                                                               | 146,800*               | 97,300                                                               | 202,300*               | 141,800                                                              | 232,700*               | 185                          |
| 190                          | 65.1                 | 303.7                         | 18,200                                                               | 139,700*               | 90,100                                                               | 193,700*               | 133,400                                                              | 223,500*               | 190                          |
| 195                          | 64.1                 | 300.5                         | 13,400                                                               | 133,000*               | 83,400                                                               | 185,600*               | 125,400                                                              | 214,800*               | 195                          |
| 200                          | 63.1                 | 297.2                         | 8,800                                                                | 126,700*               | 76,900                                                               | 178,000*               | 117,800                                                              | 206,600*               | 200                          |
| 210                          | 61.1                 | 290.1                         | 300                                                                  | 114,800*               | 65,000                                                               | 163,600*               | 103,800                                                              | 191,200*               | 210                          |
| 220                          | 59.0                 | 282.4                         |                                                                      | 102,400*               | 54,100                                                               | 150,600*               | 91,000                                                               | 177,200*               | 220                          |
| 230                          | 56.9                 | 274.2                         |                                                                      | 90,400*                | 44,100                                                               | 138,700*               | 79,400                                                               | 164,300*               | 230                          |
| 240                          | 54.7                 | 265.3                         |                                                                      | 79,400*                | 35,000                                                               | 127,700*               | 68,600                                                               | 152,400*               | 240                          |
| 250                          | 52.4                 | 255.7                         |                                                                      | 69,200*                | 26,500                                                               | 117,600*               | 58,700                                                               | 141,500*               | 250                          |
| 260                          | 50.0                 | 245.2                         |                                                                      | 59,800*                | 18,600                                                               | 108,200*               | 49,500                                                               | 131,300*               | 260                          |
| 270                          | 47.4                 | 233.8                         |                                                                      | 50,900*                | 11,300                                                               | 99,400*                | 41,000                                                               | 121,800*               | 270                          |
| 280                          | 44.8                 | 221.3                         |                                                                      | 42,700*                | 4,400                                                                | 89,900*                | 32,900                                                               | 113,000*               | 280                          |
| 290                          | 42.0                 | 207.5                         |                                                                      | 34,900*                |                                                                      | 80,400*                | 25,400                                                               | 102,400*               | 290                          |
| 300                          | 38.9                 | 192.2                         |                                                                      | 27,500*                |                                                                      | 71,400*                | 18,200                                                               | 90,500*                | 300                          |
| 310                          | 35.6                 | 174.7                         |                                                                      | 20,400*                |                                                                      | 62,900*                | 11,300                                                               | 79,100*                | 310                          |

# Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
 492,000 Lb. Crane Counterweight  
 320,000 Lb. Carbody Counterweight  
 0 Lb. thru 599,800 Lb. Hanging Counterweight  
 at 59 Ft. Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

**18000 With  
 21000 MAX-ER**



## 260 Ft. Boom

### 110 Ft. Fixed Jib, 20 Degree Offset

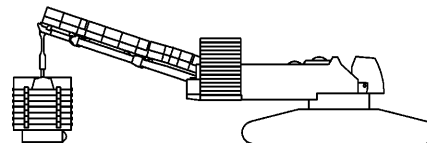
| Jib<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Feet | 467,800 Lb.<br>Hanging Counterweight                                 |                        | 599,800 Lb.<br>Hanging Counterweight                                 |                        |
|------------------------------|----------------------|-------------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|
|                              |                      |                               | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds |
| 110                          | 80.0                 | 362.6                         | 283,100                                                              | 343,800*               |                                                                      |                        |
| 115                          | 79.1                 | 361.1                         | 262,000                                                              | 343,800*               |                                                                      |                        |
| 120                          | 78.3                 | 359.4                         | 242,900                                                              | 343,800*               |                                                                      |                        |
| 125                          | 77.5                 | 357.8                         | 225,300                                                              | 343,800*               |                                                                      |                        |
| 130                          | 76.7                 | 356.0                         | 209,300                                                              | 330,000*               | 274,700                                                              | 343,800*               |
| 135                          | 75.8                 | 354.1                         | 194,500                                                              | 313,600*               | 257,300                                                              | 343,800*               |
| 140                          | 75.0                 | 352.2                         | 180,800                                                              | 298,400*               | 241,200                                                              | 338,400*               |
| 145                          | 74.1                 | 350.2                         | 168,100                                                              | 284,200*               | 226,200                                                              | 322,800*               |
| 150                          | 73.3                 | 348.1                         | 156,300                                                              | 270,900*               | 212,300                                                              | 308,200*               |
| 155                          | 72.4                 | 345.9                         | 145,300                                                              | 258,500*               | 199,300                                                              | 294,600*               |
| 160                          | 71.6                 | 343.6                         | 135,000                                                              | 246,800*               | 187,200                                                              | 281,800*               |
| 165                          | 70.7                 | 341.2                         | 125,300                                                              | 235,800*               | 175,900                                                              | 269,800*               |
| 170                          | 69.8                 | 338.7                         | 116,300                                                              | 225,400*               | 165,200                                                              | 258,400*               |
| 175                          | 69.0                 | 336.1                         | 107,800                                                              | 215,600*               | 155,200                                                              | 247,700*               |
| 180                          | 68.1                 | 333.5                         | 99,800                                                               | 206,400*               | 145,800                                                              | 237,500*               |
| 185                          | 67.2                 | 330.7                         | 92,200                                                               | 197,600*               | 136,800                                                              | 227,900*               |
| 190                          | 66.3                 | 327.8                         | 85,000                                                               | 189,100*               | 128,400                                                              | 218,800*               |
| 195                          | 65.4                 | 324.9                         | 78,200                                                               | 181,100*               | 120,400                                                              | 210,100*               |
| 200                          | 64.5                 | 321.8                         | 71,700                                                               | 173,400*               | 112,800                                                              | 201,900*               |
| 210                          | 62.6                 | 315.3                         | 59,800                                                               | 159,100*               | 98,800                                                               | 186,500*               |
| 220                          | 60.7                 | 308.3                         | 48,900                                                               | 146,100*               | 86,000                                                               | 172,500*               |
| 230                          | 58.7                 | 300.8                         | 38,900                                                               | 134,200*               | 74,300                                                               | 159,700*               |
| 240                          | 56.7                 | 292.7                         | 29,800                                                               | 123,200*               | 63,600                                                               | 147,900*               |
| 250                          | 54.7                 | 284.1                         | 21,300                                                               | 113,100*               | 53,700                                                               | 137,000*               |
| 260                          | 52.5                 | 274.7                         | 13,500                                                               | 103,800*               | 44,500                                                               | 126,900*               |
| 270                          | 50.3                 | 264.7                         | 6,200                                                                | 95,000*                | 36,000                                                               | 117,500*               |
| 280                          | 48.0                 | 253.8                         |                                                                      | 85,000*                | 28,100                                                               | 108,700*               |
| 290                          | 45.6                 | 241.9                         |                                                                      | 75,600*                | 20,600                                                               | 100,400*               |
| 300                          | 43.0                 | 229.0                         |                                                                      | 66,800*                | 13,600                                                               | 91,200*                |
| 310                          | 40.3                 | 214.7                         |                                                                      | 58,400*                | 6,900                                                                | 80,000*                |
| 320                          | 37.4                 | 198.9                         |                                                                      | 50,500*                | 600                                                                  | 69,400*                |
| 330                          | 34.2                 | 180.9                         |                                                                      | 42,900*                |                                                                      | 59,100*                |

# Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
 492,000 Lb. Crane Counterweight  
 320,000 Lb. Carbody Counterweight  
 0 Lb. thru 599,800 Lb. Hanging Counterweight  
 at 59 Ft. Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

## 18000 With 21000 MAX-ER



### 280 Ft. Boom

### 110 Ft. Fixed Jib, 20 Degree Offset

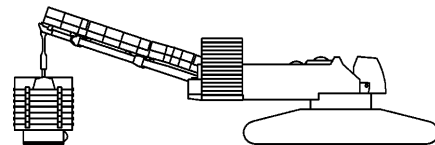
| Jib<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Feet | 467,800 Lb.<br>Hanging Counterweight                                 |                        | 599,800 Lb.<br>Hanging Counterweight                                 |                        |
|------------------------------|----------------------|-------------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|
|                              |                      |                               | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds |
| 120                          | 79.1                 | 380.1                         | 242,500                                                              | 302,200*               |                                                                      |                        |
| 125                          | 78.3                 | 378.5                         | 224,800                                                              | 302,200*               |                                                                      |                        |
| 130                          | 77.5                 | 376.8                         | 208,500                                                              | 302,200*               |                                                                      |                        |
| 135                          | 76.7                 | 375.0                         | 193,500                                                              | 302,200*               | 256,600                                                              | 302,200*               |
| 140                          | 75.9                 | 373.2                         | 179,600                                                              | 296,100*               | 240,200                                                              | 302,200*               |
| 145                          | 75.1                 | 371.3                         | 166,700                                                              | 281,900*               | 225,100                                                              | 302,200*               |
| 150                          | 74.3                 | 369.3                         | 154,800                                                              | 268,500*               | 211,000                                                              | 302,200*               |
| 155                          | 73.5                 | 367.3                         | 143,600                                                              | 256,100*               | 197,900                                                              | 292,200*               |
| 160                          | 72.7                 | 365.1                         | 133,200                                                              | 244,300*               | 185,700                                                              | 279,300*               |
| 165                          | 71.9                 | 362.9                         | 123,400                                                              | 233,300*               | 174,200                                                              | 267,300*               |
| 170                          | 71.1                 | 360.6                         | 114,300                                                              | 222,900*               | 163,400                                                              | 255,900*               |
| 175                          | 70.3                 | 358.1                         | 105,700                                                              | 213,100*               | 153,300                                                              | 245,100*               |
| 180                          | 69.5                 | 355.6                         | 97,600                                                               | 203,800*               | 143,700                                                              | 234,900*               |
| 185                          | 68.6                 | 353.1                         | 89,900                                                               | 195,000*               | 134,700                                                              | 225,300*               |
| 190                          | 67.8                 | 350.4                         | 82,600                                                               | 186,600*               | 126,200                                                              | 216,200*               |
| 195                          | 66.9                 | 347.6                         | 75,800                                                               | 178,500*               | 118,100                                                              | 207,500*               |
| 200                          | 66.1                 | 344.7                         | 69,200                                                               | 170,800*               | 110,500                                                              | 199,200*               |
| 210                          | 64.3                 | 338.7                         | 57,100                                                               | 156,500*               | 96,300                                                               | 183,800*               |
| 220                          | 62.6                 | 332.2                         | 46,100                                                               | 143,400*               | 83,400                                                               | 169,800*               |
| 230                          | 60.8                 | 325.3                         | 36,100                                                               | 131,500*               | 71,600                                                               | 156,900*               |
| 240                          | 58.9                 | 317.8                         | 26,900                                                               | 120,500*               | 60,800                                                               | 145,100*               |
| 250                          | 57.0                 | 309.9                         | 18,400                                                               | 110,400*               | 50,900                                                               | 134,200*               |
| 260                          | 55.1                 | 301.4                         | 10,500                                                               | 101,100*               | 41,700                                                               | 124,100*               |
| 270                          | 53.1                 | 292.3                         | 3,200                                                                | 92,100*                | 33,100                                                               | 114,700*               |
| 280                          | 51.0                 | 282.5                         |                                                                      | 82,100*                | 25,200                                                               | 105,900*               |
| 290                          | 48.8                 | 272.0                         |                                                                      | 72,700*                | 17,700                                                               | 97,700*                |
| 300                          | 46.6                 | 260.6                         |                                                                      | 63,900*                | 10,700                                                               | 89,900*                |
| 310                          | 44.2                 | 248.3                         |                                                                      | 55,600*                | 4,100                                                                | 81,200*                |
| 320                          | 41.7                 | 234.8                         |                                                                      | 47,700*                |                                                                      | 71,600*                |
| 330                          | 39.1                 | 220.0                         |                                                                      | 40,200*                |                                                                      | 61,500*                |
| 340                          | 36.2                 | 203.5                         |                                                                      | 33,100*                |                                                                      | 51,800*                |

# Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
 492,000 Lb. Crane Counterweight  
 320,000 Lb. Carbody Counterweight  
 0 Lb. thru 599,800 Lb. Hanging Counterweight  
 at 59 Ft. Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

**18000 With  
 21000 MAX-ER**



## 300 Ft. Boom

### 110 Ft. Fixed Jib, 20 Degree Offset

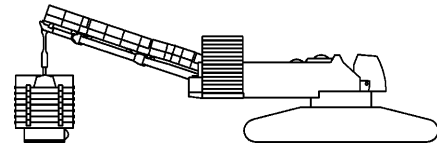
| Jib<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Feet | 467,800 Lb.<br>Hanging Counterweight                                 |                        | 599,800 Lb.<br>Hanging Counterweight                                 |                        |
|------------------------------|----------------------|-------------------------------|----------------------------------------------------------------------|------------------------|----------------------------------------------------------------------|------------------------|
|                              |                      |                               | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds |
| 125                          | 79.0                 | 399.2                         | 223,100                                                              | 268,300*               |                                                                      |                        |
| 130                          | 78.2                 | 397.6                         | 206,600                                                              | 268,300*               |                                                                      |                        |
| 135                          | 77.5                 | 395.9                         | 191,300                                                              | 268,300*               |                                                                      |                        |
| 140                          | 76.7                 | 394.2                         | 177,300                                                              | 268,300*               |                                                                      |                        |
| 145                          | 76.0                 | 392.4                         | 164,200                                                              | 268,300*               | 222,800                                                              | 268,300*               |
| 150                          | 75.2                 | 390.5                         | 152,100                                                              | 265,200*               | 208,600                                                              | 268,300*               |
| 155                          | 74.5                 | 388.6                         | 140,800                                                              | 252,700*               | 195,300                                                              | 268,300*               |
| 160                          | 73.7                 | 386.5                         | 130,200                                                              | 240,900*               | 182,900                                                              | 268,300*               |
| 165                          | 72.9                 | 384.4                         | 120,300                                                              | 229,800*               | 171,300                                                              | 263,800*               |
| 170                          | 72.2                 | 382.3                         | 111,000                                                              | 219,400*               | 160,400                                                              | 252,400*               |
| 175                          | 71.4                 | 380.0                         | 102,300                                                              | 209,500*               | 150,100                                                              | 241,600*               |
| 180                          | 70.6                 | 377.6                         | 94,100                                                               | 200,200*               | 140,500                                                              | 231,400*               |
| 185                          | 69.8                 | 375.2                         | 86,300                                                               | 191,400*               | 131,300                                                              | 221,700*               |
| 190                          | 69.0                 | 372.7                         | 79,000                                                               | 183,000*               | 122,700                                                              | 212,500*               |
| 195                          | 68.3                 | 370.1                         | 72,000                                                               | 175,000*               | 114,600                                                              | 203,800*               |
| 200                          | 67.4                 | 367.4                         | 65,400                                                               | 167,200*               | 106,800                                                              | 195,500*               |
| 210                          | 65.8                 | 361.7                         | 53,200                                                               | 152,800*               | 92,500                                                               | 180,100*               |
| 220                          | 64.2                 | 355.7                         | 42,000                                                               | 139,700*               | 79,400                                                               | 166,000*               |
| 230                          | 62.5                 | 349.2                         | 31,900                                                               | 127,800*               | 67,500                                                               | 153,100*               |
| 240                          | 60.8                 | 342.4                         | 22,600                                                               | 116,800*               | 56,600                                                               | 141,200*               |
| 250                          | 59.0                 | 335.0                         | 14,000                                                               | 106,600*               | 46,600                                                               | 130,300*               |
| 260                          | 57.2                 | 327.2                         | 6,100                                                                | 97,200*                | 37,400                                                               | 120,100*               |
| 270                          | 55.4                 | 318.9                         |                                                                      | 86,900*                | 28,800                                                               | 110,700*               |
| 280                          | 53.5                 | 310.0                         |                                                                      | 77,300*                | 20,700                                                               | 101,900*               |
| 290                          | 51.6                 | 300.4                         |                                                                      | 68,200*                | 13,300                                                               | 93,700*                |
| 300                          | 49.5                 | 290.2                         |                                                                      | 59,300*                | 6,200                                                                | 85,000*                |
| 310                          | 47.5                 | 279.2                         |                                                                      | 51,000*                |                                                                      | 76,300*                |
| 320                          | 45.3                 | 267.4                         |                                                                      | 43,200*                |                                                                      | 68,000*                |
| 330                          | 43.0                 | 254.6                         |                                                                      | 35,800*                |                                                                      | 59,900*                |
| 340                          | 40.5                 | 240.6                         |                                                                      | 28,700*                |                                                                      | 51,900*                |
| 350                          | 38.0                 | 225.3                         |                                                                      | 22,000*                |                                                                      | 42,700*                |
| 360                          | 35.2                 | 208.2                         |                                                                      | 15,500*                |                                                                      | 33,900*                |

# Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 Ft. Strut on  
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56  
 492,000 Lb. Crane Counterweight  
 320,000 Lb. Carbody Counterweight  
 0 Lb. thru 599,800 Lb. Hanging Counterweight  
 at 59 Ft. Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

**18000 With  
 21000 MAX-ER**



## 320 Ft. Boom

### 110 Ft. Fixed Jib, 20 Degree Offset

| Jib<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Jib<br>Point<br>Elev.<br>Feet | 599,800 Lb.<br>Hanging Counterweight                                 |                        |
|------------------------------|----------------------|-------------------------------|----------------------------------------------------------------------|------------------------|
|                              |                      |                               | Minimum<br>Fixed Jib<br>Capacity<br>To Swing<br>and Travel<br>Pounds | Jib Capacity<br>Pounds |
| 155                          | 75.3                 | 409.7                         | 195,900                                                              | 233,500*               |
| 160                          | 74.6                 | 407.8                         | 183,400                                                              | 233,500*               |
| 165                          | 73.9                 | 405.8                         | 171,700                                                              | 233,500*               |
| 170                          | 73.1                 | 403.7                         | 160,700                                                              | 233,500*               |
| 175                          | 72.4                 | 401.6                         | 150,400                                                              | 233,500*               |
| 180                          | 71.7                 | 399.4                         | 140,600                                                              | 230,600*               |
| 185                          | 70.9                 | 397.1                         | 131,500                                                              | 220,900*               |
| 190                          | 70.2                 | 394.7                         | 122,800                                                              | 211,700*               |
| 195                          | 69.4                 | 392.3                         | 114,600                                                              | 203,000*               |
| 200                          | 68.7                 | 389.7                         | 106,800                                                              | 194,700*               |
| 210                          | 67.2                 | 384.4                         | 92,300                                                               | 179,200*               |
| 220                          | 65.6                 | 378.7                         | 79,200                                                               | 165,200*               |
| 230                          | 64.0                 | 372.7                         | 67,300                                                               | 152,300*               |
| 240                          | 62.4                 | 366.3                         | 56,300                                                               | 140,400*               |
| 250                          | 60.8                 | 359.5                         | 46,300                                                               | 129,400*               |
| 260                          | 59.1                 | 352.2                         | 37,000                                                               | 119,300*               |
| 270                          | 57.4                 | 344.5                         | 28,300                                                               | 109,900*               |
| 280                          | 55.7                 | 336.3                         | 20,300                                                               | 101,100*               |
| 290                          | 53.9                 | 327.5                         | 12,800                                                               | 92,900*                |
| 300                          | 52.1                 | 318.2                         | 5,800                                                                | 84,000*                |
| 310                          | 50.2                 | 308.3                         |                                                                      | 75,300*                |
| 320                          | 48.2                 | 297.7                         |                                                                      | 67,100*                |
| 330                          | 46.2                 | 286.3                         |                                                                      | 59,300*                |
| 340                          | 44.0                 | 274.0                         |                                                                      | 51,800*                |
| 350                          | 41.8                 | 260.7                         |                                                                      | 44,500*                |
| 360                          | 39.4                 | 246.2                         |                                                                      | 37,500*                |
| 370                          | 36.9                 | 230.4                         |                                                                      | 29,500*                |
| 380                          | 34.2                 | 212.8                         |                                                                      | 21,400*                |