

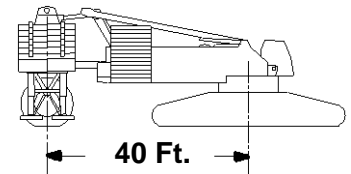


# Liftcrane Boom Capacities

**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 860,000 Lb. Wheeled Counterweight**  
**at 40 Ft. Position**  
**360 Degree Rating**

**Meets  
ANSI B30.5  
Requirements**

**18000 With  
21000 MAX-ER**



**LIFTING CAPACITIES:** Lifting capacities for various boom lengths and 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 (\*).

**Note 1:** Capacities above 1,322,800 Lbs. thru 1,543,300 Lbs. require 55A boom top.

**Note 2:** Capacities above 1,543,300 Lbs. require special equipment. Capacities above 1,322,800 Lbs. thru 1,543,300 Lbs. require 55A boom top.

Wheeled counterweight must be attached to shear frame and MAX-ER mode must be selected to operate. Swing and travel (forward or side crawl) requires proper position of counterweight wheels when contacting ground. Refer to operators manual for wheel positioning. Exit MAX-ER mode before operating without wheeled counterweight.

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

Weight of jib, all load blocks, hooks, weight ball, slings, hoist lines, etc., beneath boom and jib point sheaves, is considered part of main boom load. Boom is 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 in a level position on a firm uniformly supporting surface with mast up. Refer to boom rigging **No. A05377**, Wire Rope Specification chart **No. 8573-A or 8573-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 operators manual for operating guidelines.

**MACHINE TRAVEL:** Machine to travel on a firm, level and uniformly supporting surface and boom within boom angle range shown in capacity chart. Refer to Swing and Travel Specification chart **No. 8574-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.

**BOOM POINT ELEVATION:** Boom point elevation is vertical distance from ground level to centerline of boom 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, 492,000 Lb. crane counterweight, 320,000 Lb. carbody counterweight and wheeled counterweight as specified.

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

**Boom Catwalks Deduct**  
Deduct 800 Lb. from capacities when boom catwalks are attached.

| Deduct From Capacities When Jib is Attached  |             |
|--|-------------|
| Jib Length   | Jib No. 79A |
| 50 Ft.   | 106,100 Lb. |
| 70 Ft.   | 123,600 Lb. |
| 90 Ft.   | 143,800 Lb. |
| 110 Ft.  | 159,400 Lb. |
| Weight of jib and 27,000 Lb. suspended beneath jib point sheaves have been included in deduct. |             |

Consult jib chart No. 8569-B for jib capacities.  
Upper boom point cannot be used when jib is attached.

| Upper Boom 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 boom point capacities cannot exceed those listed for main boom capacity. |            |            |

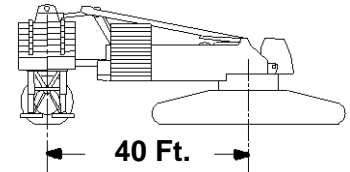


# Liftcrane Boom Capacities

**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 860,000 Lb. Wheeled Counterweight**  
**at 40 Ft. Position**  
**360 Degree Rating**

|  |
|--|
| Meets<br><b>ANSI B30.5</b><br>Requirements |
|--|

## 18000 With 21000 MAX-ER



| Maximum Boom and Jib Lengths Lifted Unassisted  |            |  |            |
|---|------------|--|------------|
| Over End of Blocked Crawlers                    |            | Over End or Side of Unblocked Crawlers |            |
| Boom Length                                     | Jib Length | Boom Length                            | Jib Length |
| 0 Lb. Wheeled Counterweight                     |            |  |            |
| 320 Ft.   | —          | 300 Ft.                                | —          |
| 300 Ft.   | —          | 280 Ft.                                | —          |
| 280 Ft.   | —          | 260 Ft.                                | —          |
| 260 Ft.   | —          | 240 Ft.                                | —          |
| 240 Ft.   | —          | 220 Ft.                                | —          |
| 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 End or Side of Unblocked Crawlers          |            |  |            |
| 244,000 Lb. Wheeled Counterweight               |            | 464,000 Lb. Wheeled Counterweight      |            |
| 360 Ft.   | —          | 420 Ft.                                | —          |
| 340 Ft.   | —          | 400 Ft.                                | —          |
| 320 Ft.   | —          | 380 Ft.                                | —          |
| 300 Ft.   | —          | 360 Ft.                                | —          |
| 280 Ft.   | —          | 340 Ft.                                | —          |
| 260 Ft.   | 50 Ft.     | 320 Ft.                                | —          |
| 240 Ft.   | 90 Ft.     | 300 Ft.                                | 50 Ft.     |
| 220 Ft.   | 110 Ft.    | 280 Ft.                                | 70 Ft.     |
|   |            | 260 Ft.                                | 110 Ft.    |
| 596,000 Lb. - 860,000 Lb. Wheeled Counterweight |            |  |            |
| 440 Ft.   | —          |  |            |
| 420 Ft.   | —          |  |            |
| 400 Ft.   | —          |  |            |
| 380 Ft.   | —          |  |            |
| 360 Ft.   | —          |  |            |
| 340 Ft.   | —          |  |            |
| 320 Ft.   | 50 Ft.     |  |            |
| 300 Ft.   | 70 Ft.     |  |            |
| 280 Ft.   | 110 Ft.    |  |            |

Load block, hook and weight ball on ground at start.

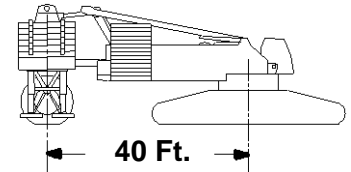


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 492,000 Lb. Crane Counterweight  
 320,000 Lb. Carbody Counterweight  
 0 Lb. thru 860,000 Lb. Wheeled Counterweight  
 at 40 Ft. Position  
 360 Degree Rating

Meets  
ANSI B30.5  
Requirements

**18000 With  
21000 MAX-ER**



## 140 Ft. Boom

| Oper. Rad. Feet | Boom Ang. Deg. | Boom Point Elev. Feet | 0 Lb. Wheeled Counterweight Boom Capacity Pounds | 244,000 Lb. Wheeled Counterweight Boom Capacity Pounds | 464,000 Lb. Wheeled Counterweight Boom Capacity Pounds | 596,000 Lb. Wheeled Counterweight Boom Capacity Pounds | 772,000 Lb. Wheeled Counterweight Boom Capacity Pounds | 860,000 Lb. Wheeled Counterweight Boom Capacity Pounds | Oper. Rad. Feet |
|-----------------|----------------|-----------------------|--|--|--|--|--|--|-----------------|
| 28              | 82.6           | 149.6                 | 1,070,100*                                       | 1,308,800*   | 1,515,900* <sup>1</sup>                                | 1,543,300* <sup>1</sup>                                | 1,653,500* <sup>2</sup>                                | 1,653,500* <sup>2</sup>                                | 28              |
| 30              | 81.7           | 149.2                 | 999,800*   | 1,223,500*   | 1,417,800* <sup>1</sup>                                | 1,534,400* <sup>1</sup>                                | 1,653,500* <sup>2</sup>                                | 1,653,500* <sup>2</sup>                                | 30              |
| 32              | 80.9           | 148.8                 | 937,600*   | 1,148,300*   | 1,331,100* <sup>1</sup>                                | 1,440,900* <sup>1</sup>                                | 1,543,300* <sup>1</sup>                                | 1,653,500* <sup>2</sup>                                | 32              |
| 34              | 80.1           | 148.4                 | 882,400*   | 1,081,400*   | 1,254,100*   | 1,357,800* <sup>1</sup>                                | 1,496,000* <sup>1</sup>                                | 1,543,300* <sup>1</sup>                                | 34              |
| 36              | 79.2           | 148.0                 | 833,000*   | 1,021,500*   | 1,185,100*   | 1,283,400*   | 1,414,400* <sup>1</sup>                                | 1,479,900* <sup>1</sup>                                | 36              |
| 38              | 78.4           | 147.5                 | 788,400*   | 967,600*   | 1,123,000*   | 1,216,400*   | 1,340,900* <sup>1</sup>                                | 1,403,100* <sup>1</sup>                                | 38              |
| 40              | 77.5           | 147.0                 | 748,200*   | 918,800*   | 1,066,900*   | 1,155,800*   | 1,274,300*   | 1,333,600* <sup>1</sup>                                | 40              |
| 45              | 75.4           | 145.6                 | 659,600*   | 814,900*   | 947,200*   | 1,026,700*   | 1,132,700*   | 1,185,700*   | 45              |
| 50              | 73.3           | 144.0                 | 584,600*   | 730,900*   | 850,600*   | 922,400*   | 1,018,200*   | 1,066,100*   | 50              |
| 55              | 71.1           | 142.2                 | 523,700*   | 661,700*   | 770,800*   | 836,400*   | 923,800*   | 967,500*   | 55              |
| 60              | 68.9           | 140.2                 | 473,300*   | 603,500*   | 703,900*   | 764,200*   | 844,500*   | 884,700*   | 60              |
| 65              | 66.6           | 137.9                 | 430,900*   | 554,000*   | 646,900*   | 702,700*   | 777,100*   | 814,300*   | 65              |
| 70              | 64.4           | 135.4                 | 394,700*   | 511,400*   | 597,800*   | 649,800*   | 719,000*   | 753,600*   | 70              |
| 75              | 62.0           | 132.7                 | 363,500*   | 472,900*   | 555,100*   | 603,600*   | 668,400*   | 700,700*   | 75              |
| 80              | 59.6           | 129.7                 | 336,200*   | 438,600*   | 517,500*   | 563,100*   | 623,900*   | 646,100*   | 80              |
| 85              | 57.2           | 126.4                 | 310,400  | 408,400*   | 484,300*   | 527,300*   | 584,600*   | 597,200*   | 85              |
| 90              | 54.6           | 122.7                 | 285,800  | 381,700*   | 454,600*   | 495,300*   | 543,500*   | 554,000*   | 90              |
| 95              | 52.0           | 118.7                 | 264,200  | 357,800*   | 428,000*   | 466,500*   | 505,400*   | 515,300*   | 95              |
| 100             | 49.3           | 114.3                 | 245,100  | 336,300*   | 404,000*   | 440,600*   | 471,200*   | 480,400*   | 100             |
| 105             | 46.5           | 109.5                 | 228,100  | 316,900*   | 382,100*   | 417,100*   | 440,100*   | 448,800*   | 105             |
| 110             | 43.5           | 104.1                 | 212,900  | 299,300*   | 362,300*   | 395,200*   | 411,700*   | 419,900*   | 110             |
| 115             | 40.3           | 98.1                  | 199,100  | 283,200*   | 344,000*   | 369,900*   | 385,500*   | 393,300*   | 115             |
| 120             | 36.8           | 91.4                  | 186,600  | 268,500*   | 327,100*   | 346,400*   | 361,200*   | 368,600*   | 120             |
| 125             | 33.1           | 83.6                  | 175,200  | 254,900*   | 311,200*   | 324,300*   | 338,400*   | 345,400*   | 125             |
| 130             | 28.8           | 74.6                  | 164,800  | 242,300*   | 293,300*   | 303,400*   | 316,700*   | 323,400*   | 130             |
| 135             | 23.9           | 63.5                  | 155,100  | 230,600*   | 273,500*   | 282,900*   | 295,600*   | 301,900*   | 135             |
| 140             | 17.5           | 48.8                  | 146,200  | 219,700*   | 253,100*   | 262,100*   | 274,000*   | 280,000*   | 140             |

**Note 1:** Capacities above 1,322,800 Lbs. thru 1,543,300 Lbs. require 55A boom top.

**Note 2:** Capacities above 1,543,300 Lbs. require special equipment. Capacities above 1,322,800 Lbs. thru 1,543,300 Lbs. require 55A boom top.

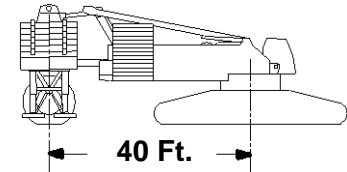


# Liftcrane Boom Capacities

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 860,000 Lb. Wheeled Counterweight  
 at 40 Ft. Position  
 360 Degree Rating

Meets  
**ANSI B30.5**  
 Requirements

## 18000 With 21000 MAX-ER



### 160 Ft. Boom

| Oper. Rad. Feet | Boom Ang. Deg. | Boom Point Elev. Feet | 0 Lb. Wheeled Counterweight Boom Capacity Pounds | 244,000 Lb. Wheeled Counterweight Boom Capacity Pounds | 464,000 Lb. Wheeled Counterweight Boom Capacity Pounds | 596,000 Lb. Wheeled Counterweight Boom Capacity Pounds | 772,000 Lb. Wheeled Counterweight Boom Capacity Pounds | 860,000 Lb. Wheeled Counterweight Boom Capacity Pounds | Oper. Rad. Feet |
|-----------------|----------------|-----------------------|--|--|--|--|--|--|-----------------|
| 30              | 82.8           | 169.5                 | 995,800*   | 1,219,500*   | 1,413,800* <sup>1</sup>                                | 1,530,400* <sup>1</sup>                                | 1,543,300* <sup>1</sup>                                | 1,543,300* <sup>1</sup>                                | 30              |
| 32              | 82.0           | 169.1                 | 933,700*   | 1,144,400*   | 1,327,200* <sup>1</sup>                                | 1,437,000* <sup>1</sup>                                | 1,543,300* <sup>1</sup>                                | 1,543,300* <sup>1</sup>                                | 32              |
| 34              | 81.3           | 168.8                 | 878,500*   | 1,077,500*   | 1,250,200*   | 1,353,900* <sup>1</sup>                                | 1,492,100* <sup>1</sup>                                | 1,543,300* <sup>1</sup>                                | 34              |
| 36              | 80.6           | 168.4                 | 829,100*   | 1,017,600*   | 1,181,300*   | 1,279,500* <sup>1</sup>                                | 1,410,500* <sup>1</sup>                                | 1,476,100* <sup>1</sup>                                | 36              |
| 38              | 79.9           | 168.0                 | 784,600*   | 963,800*   | 1,119,200*   | 1,212,600*   | 1,337,000* <sup>1</sup>                                | 1,399,300* <sup>1</sup>                                | 38              |
| 40              | 79.1           | 167.6                 | 744,400*   | 915,000*   | 1,063,100*   | 1,152,000*   | 1,270,500*   | 1,329,800* <sup>1</sup>                                | 40              |
| 45              | 77.3           | 166.4                 | 656,400*   | 811,200*   | 943,500*   | 1,023,000*   | 1,129,000*   | 1,182,000*   | 45              |
| 50              | 75.4           | 165.0                 | 581,400*   | 727,300*   | 846,900*   | 918,800*   | 1,014,600*   | 1,062,500*   | 50              |
| 55              | 73.6           | 163.4                 | 520,500*   | 658,100*   | 767,200*   | 832,800*   | 920,200*   | 963,900*   | 55              |
| 60              | 71.7           | 161.7                 | 470,100*   | 600,000*   | 700,400*   | 760,600*   | 841,000*   | 881,200*   | 60              |
| 65              | 69.7           | 159.8                 | 427,700*   | 550,500*   | 643,400*   | 699,200*   | 773,600*   | 810,800*   | 65              |
| 70              | 67.8           | 157.6                 | 391,600*   | 507,900*   | 594,400*   | 646,300*   | 715,500*   | 750,100*   | 70              |
| 75              | 65.8           | 155.3                 | 360,300*   | 469,700*   | 551,700*   | 600,200*   | 664,900*   | 697,300*   | 75              |
| 80              | 63.8           | 152.8                 | 333,100*   | 435,500*   | 514,200*   | 559,800*   | 620,500*   | 650,900*   | 80              |
| 85              | 61.8           | 150.0                 | 308,200  | 405,300*   | 480,900*   | 523,900*   | 581,200*   | 609,900*   | 85              |
| 90              | 59.7           | 147.0                 | 283,600  | 378,600*   | 451,300*   | 491,900*   | 546,100*   | 573,200*   | 90              |
| 95              | 57.5           | 143.7                 | 261,900  | 354,800*   | 424,700*   | 463,300*   | 514,700*   | 540,400*   | 95              |
| 100             | 55.3           | 140.2                 | 242,800  | 333,300*   | 400,700*   | 437,400*   | 486,200*   | 504,300*   | 100             |
| 105             | 53.1           | 136.4                 | 225,800  | 313,900*   | 378,900*   | 413,900*   | 460,500*   | 471,400*   | 105             |
| 110             | 50.8           | 132.2                 | 210,600  | 296,300*   | 359,100*   | 392,500*   | 432,800*   | 441,500*   | 110             |
| 115             | 48.3           | 127.7                 | 196,800  | 280,300*   | 340,900*   | 372,900*   | 406,000*   | 414,200*   | 115             |
| 120             | 45.8           | 122.7                 | 184,400  | 265,600*   | 324,200*   | 354,900*   | 381,400*   | 389,200*   | 120             |
| 125             | 43.2           | 117.3                 | 173,000  | 252,000*   | 308,300*   | 338,300*   | 358,600*   | 366,000*   | 125             |
| 130             | 40.4           | 111.4                 | 162,600  | 239,600*   | 293,600*   | 322,900*   | 337,400*   | 344,500*   | 130             |
| 135             | 37.4           | 104.8                 | 153,100  | 228,000*   | 280,000*   | 304,100*   | 317,700*   | 324,400*   | 135             |
| 140             | 34.3           | 97.4                  | 144,200  | 217,200*   | 267,400*   | 286,100*   | 299,000*   | 305,500*   | 140             |
| 145             | 30.8           | 89.0                  | 136,100  | 207,200*   | 255,600*   | 269,000*   | 281,300*   | 287,500*   | 145             |
| 150             | 26.8           | 79.2                  | 128,500  | 197,800*   | 243,700*   | 252,500*   | 264,200*   | 270,100*   | 150             |
| 155             | 22.2           | 67.2                  | 121,300  | 189,000*   | 227,800*   | 236,200*   | 247,400*   | 253,000*   | 155             |
| 160             | 16.2           | 51.3                  | 114,600  | 180,600*   | 211,300*   | 219,300*   | 229,900*   | 235,200*   | 160             |

**Note 1:** Capacities above 1,322,800 Lbs. thru 1,543,300 Lbs. require 55A boom top.

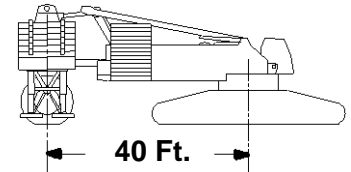


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 320,000 Lb. Carbody Counterweight  
 0 Lb. thru 860,000 Lb. Wheeled Counterweight  
 at 40 Ft. Position  
 360 Degree Rating

Meets  
**ANSI B30.5**  
 Requirements

## 18000 With 21000 MAX-ER



### 180 Ft. Boom

| Oper. Rad. Feet | Boom Ang. Deg. | Boom Point Elev. Feet | 0 Lb. Wheeled Counterweight Boom Capacity Pounds | 244,000 Lb. Wheeled Counterweight Boom Capacity Pounds | 464,000 Lb. Wheeled Counterweight Boom Capacity Pounds | 596,000 Lb. Wheeled Counterweight Boom Capacity Pounds | 772,000 Lb. Wheeled Counterweight Boom Capacity Pounds | 860,000 Lb. Wheeled Counterweight Boom Capacity Pounds | Oper. Rad. Feet |
|-----------------|----------------|-----------------------|--|--|--|--|--|--|-----------------|
| 32              | 82.9           | 189.4                 | 930,700*   | 1,141,300*   | 1,324,100* <sup>1</sup>                                | 1,433,900* <sup>1</sup>                                | 1,509,800* <sup>1</sup>                                | 1,509,800* <sup>1</sup>                                | 32              |
| 34              | 82.3           | 189.1                 | 875,500*   | 1,074,500*   | 1,247,200*   | 1,350,900* <sup>1</sup>                                | 1,489,100* <sup>1</sup>                                | 1,509,800* <sup>1</sup>                                | 34              |
| 36              | 81.6           | 188.7                 | 826,200*   | 1,014,700*   | 1,178,300*   | 1,276,600*   | 1,407,600* <sup>1</sup>                                | 1,473,100* <sup>1</sup>                                | 36              |
| 38              | 81.0           | 188.4                 | 781,700*   | 960,900*   | 1,116,300*   | 1,209,700*   | 1,334,100* <sup>1</sup>                                | 1,396,400* <sup>1</sup>                                | 38              |
| 40              | 80.3           | 188.0                 | 741,500*   | 912,100*   | 1,060,200*   | 1,149,100*   | 1,267,700*   | 1,327,000* <sup>1</sup>                                | 40              |
| 45              | 78.7           | 186.9                 | 653,900*   | 808,400*   | 940,700*   | 1,020,200*   | 1,126,200*   | 1,179,200*   | 45              |
| 50              | 77.1           | 185.7                 | 578,900*   | 724,600*   | 844,200*   | 916,100*   | 1,011,800*   | 1,059,800*   | 50              |
| 55              | 75.4           | 184.4                 | 518,100*   | 655,400*   | 764,600*   | 830,100*   | 917,500*   | 961,200*   | 55              |
| 60              | 73.8           | 182.8                 | 467,700*   | 597,300*   | 697,700*   | 758,000*   | 838,400*   | 878,600*   | 60              |
| 65              | 72.1           | 181.1                 | 425,400*   | 547,900*   | 640,800*   | 696,600*   | 771,000*   | 808,200*   | 65              |
| 70              | 70.4           | 179.3                 | 389,200*   | 505,400*   | 591,800*   | 643,700*   | 712,900*   | 747,600*   | 70              |
| 75              | 68.7           | 177.3                 | 358,000*   | 467,400*   | 549,100*   | 597,700*   | 662,400*   | 694,800*   | 75              |
| 80              | 66.9           | 175.1                 | 330,800*   | 433,200*   | 511,700*   | 557,200*   | 618,000*   | 648,400*   | 80              |
| 85              | 65.2           | 172.7                 | 306,600  | 403,000*   | 478,500*   | 521,400*   | 578,700*   | 607,400*   | 85              |
| 90              | 63.4           | 170.1                 | 281,900  | 376,300*   | 448,900*   | 489,500*   | 543,700*   | 570,800*   | 90              |
| 95              | 61.6           | 167.3                 | 260,300  | 352,500*   | 422,300*   | 460,800*   | 512,200*   | 537,900*   | 95              |
| 100             | 59.7           | 164.3                 | 241,200  | 331,100*   | 398,300*   | 435,000*   | 483,800*   | 508,300*   | 100             |
| 105             | 57.8           | 161.1                 | 224,100  | 311,700*   | 376,600*   | 411,500*   | 458,100*   | 481,400*   | 105             |
| 110             | 55.9           | 157.6                 | 208,900  | 294,100*   | 356,700*   | 390,100*   | 434,600*   | 456,900*   | 110             |
| 115             | 53.9           | 153.9                 | 195,100  | 278,100*   | 338,600*   | 370,600*   | 413,200*   | 433,000*   | 115             |
| 120             | 51.9           | 149.9                 | 182,700  | 263,400*   | 321,900*   | 352,600*   | 393,500*   | 407,200*   | 120             |
| 125             | 49.8           | 145.6                 | 171,300  | 249,900*   | 306,200*   | 336,000*   | 375,300*   | 383,400*   | 125             |
| 130             | 47.6           | 141.0                 | 160,900  | 237,500*   | 291,600*   | 320,700*   | 354,000*   | 361,400*   | 130             |
| 135             | 45.3           | 136.0                 | 151,400  | 225,900*   | 278,000*   | 306,500*   | 334,000*   | 341,100*   | 135             |
| 140             | 43.0           | 130.5                 | 142,600  | 215,200*   | 265,400*   | 293,200*   | 315,300*   | 322,100*   | 140             |
| 145             | 40.5           | 124.6                 | 134,500  | 205,200*   | 253,700*   | 280,900*   | 297,900*   | 304,400*   | 145             |
| 150             | 37.9           | 118.1                 | 126,900  | 195,900*   | 242,700*   | 269,100*   | 281,500*   | 287,700*   | 150             |
| 155             | 35.1           | 111.0                 | 119,900  | 187,200*   | 232,400*   | 254,100*   | 266,000*   | 271,900*   | 155             |
| 160             | 32.2           | 103.0                 | 113,300  | 179,000*   | 222,800*   | 239,800*   | 251,200*   | 256,900*   | 160             |
| 170             | 25.2           | 83.5                  | 101,400  | 164,000*   | 204,800*   | 212,700*   | 223,200*   | 228,400*   | 170             |
| 180             | 15.2           | 53.8                  | 90,700   | 150,500*   | 178,200*   | 185,300*   | 194,900*   | 199,700*   | 180             |

**Note 1:** Capacities above 1,322,800 Lbs. thru 1,543,300 Lbs. require 55A boom top.

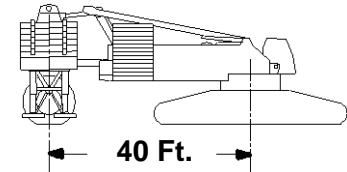


# Liftcrane Boom Capacities

**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 860,000 Lb. Wheeled Counterweight**  
**at 40 Ft. Position**  
**360 Degree Rating**

**Meets  
ANSI B30.5  
Requirements**

## 18000 With 21000 MAX-ER



### 200 Ft. Boom

| Oper. Rad. Feet | Boom Ang. Deg. | Boom Point Elev. Feet | 0 Lb. Wheeled Counterweight Boom Capacity Pounds | 244,000 Lb. Wheeled Counterweight Boom Capacity Pounds | 464,000 Lb. Wheeled Counterweight Boom Capacity Pounds | 596,000 Lb. Wheeled Counterweight Boom Capacity Pounds | 772,000 Lb. Wheeled Counterweight Boom Capacity Pounds | 860,000 Lb. Wheeled Counterweight Boom Capacity Pounds | Oper. Rad. Feet |
|-----------------|----------------|-----------------------|--|--|--|--|--|--|-----------------|
| 36              | 82.5           | 209.0                 | 822,700*   | 1,011,300*   | 1,174,900*   | 1,273,100*   | 1,366,400* 1   | 1,366,400* 1   | 36              |
| 38              | 81.9           | 208.7                 | 778,300*   | 957,400*   | 1,112,900*   | 1,206,200*   | 1,330,700* 1   | 1,366,400* 1   | 38              |
| 40              | 81.3           | 208.3                 | 738,000*   | 908,600*   | 1,056,700*   | 1,145,600*   | 1,264,200*   | 1,323,500* 1   | 40              |
| 45              | 79.9           | 207.4                 | 650,900*   | 804,900*   | 937,200*   | 1,016,700*   | 1,122,600*   | 1,175,700*   | 45              |
| 50              | 78.4           | 206.3                 | 575,800*   | 721,000*   | 840,600*   | 912,500*   | 1,008,300*   | 1,056,200*   | 50              |
| 55              | 76.9           | 205.1                 | 514,900*   | 651,800*   | 760,900*   | 826,500*   | 913,900*   | 957,600*   | 55              |
| 60              | 75.4           | 203.7                 | 464,500*   | 593,700*   | 694,100*   | 754,400*   | 834,700*   | 874,900*   | 60              |
| 65              | 73.9           | 202.2                 | 422,000*   | 544,300*   | 637,200*   | 692,900*   | 767,300*   | 804,500*   | 65              |
| 70              | 72.4           | 200.6                 | 385,800*   | 501,700*   | 588,100*   | 640,000*   | 709,300*   | 743,900*   | 70              |
| 75              | 70.9           | 198.8                 | 354,600*   | 464,000*   | 545,400*   | 594,000*   | 658,700*   | 691,100*   | 75              |
| 80              | 69.4           | 196.8                 | 327,300*   | 429,700*   | 507,900*   | 553,500*   | 614,300*   | 644,700*   | 80              |
| 85              | 67.8           | 194.7                 | 303,400*   | 399,600*   | 474,700*   | 517,700*   | 575,000*   | 603,700*   | 85              |
| 90              | 66.3           | 192.5                 | 279,300  | 372,800*   | 445,100*   | 485,800*   | 539,900*   | 567,000*   | 90              |
| 95              | 64.7           | 190.0                 | 257,600  | 349,000*   | 418,500*   | 457,100*   | 508,500*   | 534,200*   | 95              |
| 100             | 63.1           | 187.4                 | 238,400  | 327,500*   | 394,600*   | 431,200*   | 480,100*   | 504,500*   | 100             |
| 105             | 61.4           | 184.6                 | 221,300  | 308,200*   | 372,800*   | 407,800*   | 454,300*   | 477,700*   | 105             |
| 110             | 59.7           | 181.6                 | 206,000  | 290,600*   | 353,000*   | 386,400*   | 430,900*   | 453,200*   | 110             |
| 115             | 58.0           | 178.5                 | 192,200  | 274,500*   | 334,800*   | 366,800*   | 409,400*   | 430,700*   | 115             |
| 120             | 56.3           | 175.1                 | 179,700  | 259,800*   | 318,200*   | 348,800*   | 389,700*   | 410,100*   | 120             |
| 125             | 54.5           | 171.4                 | 168,300  | 246,300*   | 302,600*   | 332,300*   | 371,500*   | 391,200*   | 125             |
| 130             | 52.7           | 167.6                 | 157,900  | 233,900*   | 288,000*   | 316,900*   | 354,700*   | 373,600*   | 130             |
| 135             | 50.9           | 163.4                 | 148,300  | 222,300*   | 274,400*   | 302,700*   | 339,100*   | 353,100*   | 135             |
| 140             | 49.0           | 159.0                 | 139,500  | 211,600*   | 261,800*   | 289,500*   | 324,600*   | 333,700*   | 140             |
| 145             | 47.0           | 154.3                 | 131,400  | 201,700*   | 250,100*   | 277,100*   | 308,900*   | 315,600*   | 145             |
| 150             | 45.0           | 149.2                 | 123,800  | 192,300*   | 239,100*   | 265,600*   | 292,300*   | 298,700*   | 150             |
| 155             | 42.8           | 143.7                 | 116,800  | 183,600*   | 228,900*   | 254,800*   | 276,700*   | 282,900*   | 155             |
| 160             | 40.6           | 137.9                 | 110,200  | 175,500*   | 219,300*   | 244,600*   | 262,000*   | 268,000*   | 160             |
| 170             | 35.8           | 124.5                 | 98,300   | 160,500*   | 201,700*   | 224,000*   | 235,000*   | 240,600*   | 170             |
| 180             | 30.4           | 108.3                 | 87,800   | 147,200*   | 186,100*   | 200,200*   | 210,400*   | 215,500*   | 180             |
| 190             | 23.8           | 87.5                  | 78,400   | 134,900*   | 170,700*   | 177,800*   | 187,200*   | 192,000*   | 190             |

**Note 1:** Capacities above 1,322,800 Lbs. thru 1,543,300 Lbs. require 55A boom top.

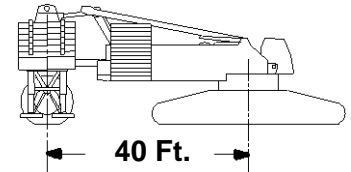


# Liftcrane Boom Capacities

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 860,000 Lb. Wheeled Counterweight  
 at 40 Ft. Position  
 360 Degree Rating

Meets  
**ANSI B30.5**  
 Requirements

**18000 With  
 21000 MAX-ER**



## 220 Ft. Boom

| Oper. Rad. Feet | Boom Ang. Deg. | Boom Point Elev. Feet | 0 Lb. Wheeled Counterweight Boom Capacity Pounds | 244,000 Lb. Wheeled Counterweight Boom Capacity Pounds | 464,000 Lb. Wheeled Counterweight Boom Capacity Pounds | 596,000 Lb. Wheeled Counterweight Boom Capacity Pounds | 772,000 Lb. Wheeled Counterweight Boom Capacity Pounds | 860,000 Lb. Wheeled Counterweight Boom Capacity Pounds | Oper. Rad. Feet |
|-----------------|----------------|-----------------------|--|--|--|--|--|--|-----------------|
| 38              | 82.6           | 228.9                 | 774,500*   | 953,700*   | 1,109,100*   | 1,202,500*   | 1,260,600*   | 1,260,600*   | 38              |
| 40              | 82.1           | 228.6                 | 734,300*   | 904,900*   | 1,053,000*   | 1,141,900*   | 1,258,000*   | 1,258,000*   | 40              |
| 45              | 80.8           | 227.7                 | 647,700*   | 801,100*   | 933,400*   | 1,012,900*   | 1,118,900*   | 1,171,900*   | 45              |
| 50              | 79.5           | 226.8                 | 572,500*   | 717,200*   | 836,800*   | 908,700*   | 1,004,500*   | 1,052,400*   | 50              |
| 55              | 78.1           | 225.7                 | 511,500*   | 648,000*   | 757,100*   | 822,700*   | 910,100*   | 953,800*   | 55              |
| 60              | 76.8           | 224.4                 | 461,000*   | 589,900*   | 690,300*   | 750,500*   | 830,900*   | 871,100*   | 60              |
| 65              | 75.5           | 223.1                 | 418,600*   | 540,400*   | 633,300*   | 689,100*   | 763,500*   | 800,700*   | 65              |
| 70              | 74.1           | 221.6                 | 382,300*   | 497,800*   | 584,300*   | 636,200*   | 705,400*   | 740,000*   | 70              |
| 75              | 72.7           | 220.0                 | 351,000*   | 460,400*   | 541,600*   | 590,100*   | 654,900*   | 687,200*   | 75              |
| 80              | 71.3           | 218.2                 | 323,800*   | 426,100*   | 504,100*   | 549,700*   | 610,400*   | 640,900*   | 80              |
| 85              | 70.0           | 216.4                 | 299,800*   | 396,000*   | 470,900*   | 513,800*   | 571,100*   | 599,800*   | 85              |
| 90              | 68.6           | 214.3                 | 276,600  | 369,200*   | 441,200*   | 481,900*   | 536,100*   | 563,200*   | 90              |
| 95              | 67.1           | 212.2                 | 254,800  | 345,300*   | 414,700*   | 453,200*   | 504,600*   | 530,300*   | 95              |
| 100             | 65.7           | 209.9                 | 235,500  | 323,900*   | 390,700*   | 427,300*   | 476,200*   | 500,700*   | 100             |
| 105             | 64.2           | 207.4                 | 218,300  | 304,500*   | 368,900*   | 403,900*   | 450,500*   | 473,800*   | 105             |
| 110             | 62.8           | 204.7                 | 203,000  | 286,900*   | 349,100*   | 382,500*   | 427,000*   | 449,300*   | 110             |
| 115             | 61.3           | 201.9                 | 189,100  | 270,800*   | 331,000*   | 362,900*   | 405,500*   | 426,800*   | 115             |
| 120             | 59.8           | 199.0                 | 176,600  | 256,100*   | 314,300*   | 344,900*   | 385,800*   | 406,300*   | 120             |
| 125             | 58.2           | 195.8                 | 165,200  | 242,600*   | 298,900*   | 328,400*   | 367,600*   | 387,300*   | 125             |
| 130             | 56.7           | 192.5                 | 154,700  | 230,100*   | 284,200*   | 313,000*   | 350,800*   | 369,700*   | 130             |
| 135             | 55.1           | 188.9                 | 145,100  | 218,600*   | 270,700*   | 298,800*   | 335,200*   | 353,400*   | 135             |
| 140             | 53.4           | 185.1                 | 136,300  | 207,900*   | 258,100*   | 285,600*   | 320,700*   | 338,300*   | 140             |
| 145             | 51.8           | 181.1                 | 128,100  | 197,900*   | 246,300*   | 273,300*   | 307,200*   | 324,200*   | 145             |
| 150             | 50.1           | 176.9                 | 120,600  | 188,600*   | 235,400*   | 261,700*   | 294,600*   | 307,600*   | 150             |
| 155             | 48.3           | 172.4                 | 113,500  | 179,900*   | 225,200*   | 250,900*   | 282,700*   | 291,500*   | 155             |
| 160             | 46.5           | 167.6                 | 107,000  | 171,700*   | 215,600*   | 240,800*   | 270,100*   | 276,300*   | 160             |
| 170             | 42.7           | 157.0                 | 95,100   | 156,800*   | 198,100*   | 222,200*   | 242,900*   | 248,700*   | 170             |
| 180             | 38.6           | 144.8                 | 84,500   | 143,600*   | 182,500*   | 205,700*   | 218,600*   | 223,900*   | 180             |
| 190             | 34.1           | 130.5                 | 75,200   | 131,700*   | 168,500*   | 186,600*   | 196,500*   | 201,500*   | 190             |
| 200             | 28.9           | 113.3                 | 66,800   | 118,900*   | 155,900*   | 166,800*   | 176,100*   | 180,700*   | 200             |
| 210             | 22.6           | 91.4                  | 58,200*  | 107,100*   | 141,400*   | 147,900*   | 156,500*   | 160,800*   | 210             |

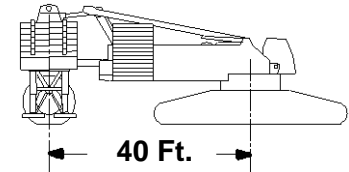


# Liftcrane Boom Capacities

**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 860,000 Lb. Wheeled Counterweight**  
**at 40 Ft. Position**  
**360 Degree Rating**

**Meets  
ANSI B30.5  
Requirements**

## 18000 With 21000 MAX-ER



### 240 Ft. Boom

| Oper. Rad. Feet | Boom Ang. Deg. | Boom Point Elev. Feet | 0 Lb. Wheeled Counterweight Boom Capacity Pounds | 244,000 Lb. Wheeled Counterweight Boom Capacity Pounds | 464,000 Lb. Wheeled Counterweight Boom Capacity Pounds | 596,000 Lb. Wheeled Counterweight Boom Capacity Pounds | 772,000 Lb. Wheeled Counterweight Boom Capacity Pounds | 860,000 Lb. Wheeled Counterweight Boom Capacity Pounds | Oper. Rad. Feet |
|-----------------|----------------|-----------------------|--|--|--|--|--|--|-----------------|
| 40              | 82.8           | 248.9                 | 732,100*   | 902,700*   | 1,050,800*   | 1,056,900*   | 1,056,900*   | 1,056,900*   | 40              |
| 45              | 81.6           | 248.1                 | 645,900*   | 798,900*   | 931,200*   | 1,010,700*   | 1,056,900*   | 1,056,900*   | 45              |
| 50              | 80.4           | 247.2                 | 570,700*   | 715,000*   | 834,600*   | 906,500*   | 1,002,300*   | 1,050,200*   | 50              |
| 55              | 79.1           | 246.1                 | 509,700*   | 645,800*   | 754,900*   | 820,500*   | 907,900*   | 951,600*   | 55              |
| 60              | 77.9           | 245.0                 | 459,200*   | 587,700*   | 688,100*   | 748,300*   | 828,700*   | 868,900*   | 60              |
| 65              | 76.7           | 243.8                 | 416,700*   | 538,200*   | 631,100*   | 686,900*   | 761,300*   | 798,500*   | 65              |
| 70              | 75.5           | 242.4                 | 380,400*   | 495,600*   | 582,100*   | 634,000*   | 703,200*   | 737,900*   | 70              |
| 75              | 74.2           | 241.0                 | 349,100*   | 458,500*   | 539,400*   | 588,000*   | 652,700*   | 685,100*   | 75              |
| 80              | 73.0           | 239.4                 | 321,800*   | 424,200*   | 501,900*   | 547,500*   | 608,300*   | 638,700*   | 80              |
| 85              | 71.7           | 237.7                 | 297,800*   | 394,000*   | 468,700*   | 511,700*   | 569,000*   | 597,600*   | 85              |
| 90              | 70.4           | 235.9                 | 275,400  | 367,300*   | 439,100*   | 479,700*   | 533,900*   | 561,000*   | 90              |
| 95              | 69.1           | 233.9                 | 253,500  | 343,400*   | 412,500*   | 451,100*   | 502,400*   | 528,200*   | 95              |
| 100             | 67.9           | 231.8                 | 234,200  | 321,900*   | 388,500*   | 425,200*   | 474,100*   | 498,500*   | 100             |
| 105             | 66.5           | 229.6                 | 217,000  | 302,500*   | 366,800*   | 401,700*   | 448,300*   | 471,600*   | 105             |
| 110             | 65.2           | 227.2                 | 201,600  | 284,900*   | 347,000*   | 380,300*   | 424,900*   | 447,100*   | 110             |
| 115             | 63.9           | 224.7                 | 187,700  | 268,900*   | 328,800*   | 360,800*   | 403,400*   | 424,700*   | 115             |
| 120             | 62.5           | 222.1                 | 175,200  | 254,200*   | 312,200*   | 342,800*   | 383,700*   | 404,100*   | 120             |
| 125             | 61.2           | 219.3                 | 163,700  | 240,600*   | 296,800*   | 326,300*   | 365,500*   | 385,200*   | 125             |
| 130             | 59.8           | 216.3                 | 153,200  | 228,200*   | 282,300*   | 310,900*   | 348,700*   | 367,600*   | 130             |
| 135             | 58.4           | 213.2                 | 143,600  | 216,600*   | 268,700*   | 296,700*   | 333,100*   | 351,300*   | 135             |
| 140             | 56.9           | 209.9                 | 134,800  | 205,900*   | 256,100*   | 283,500*   | 318,600*   | 336,200*   | 140             |
| 145             | 55.5           | 206.4                 | 126,600  | 196,000*   | 244,400*   | 271,200*   | 305,100*   | 322,100*   | 145             |
| 150             | 54.0           | 202.7                 | 119,000  | 186,700*   | 233,400*   | 259,700*   | 292,500*   | 308,900*   | 150             |
| 155             | 52.5           | 198.8                 | 112,000  | 178,000*   | 223,200*   | 248,900*   | 280,600*   | 296,500*   | 155             |
| 160             | 51.0           | 194.7                 | 105,400  | 169,800*   | 213,600*   | 238,700*   | 269,500*   | 284,900*   | 160             |
| 170             | 47.7           | 185.7                 | 93,500   | 154,900*   | 196,100*   | 220,200*   | 249,200*   | 257,500*   | 170             |
| 180             | 44.4           | 175.7                 | 83,000   | 141,700*   | 180,600*   | 203,700*   | 226,900*   | 232,500*   | 180             |
| 190             | 40.8           | 164.3                 | 73,600   | 129,800*   | 166,600*   | 188,700*   | 204,800*   | 210,000*   | 190             |
| 200             | 36.8           | 151.4                 | 65,300   | 117,700*   | 154,100*   | 175,000*   | 184,800*   | 189,600*   | 200             |
| 210             | 32.5           | 136.3                 | 56,900*  | 106,100*   | 142,700*   | 157,300*   | 166,300*   | 170,900*   | 210             |
| 220             | 27.6           | 118.1                 | 48,700*  | 95,500*  | 132,200*   | 140,600*   | 149,100*   | 153,300*   | 220             |
| 230             | 21.6           | 95.0                  | 41,000*  | 85,700*  | 118,500*   | 124,400*   | 132,300*   | 136,300*   | 230             |



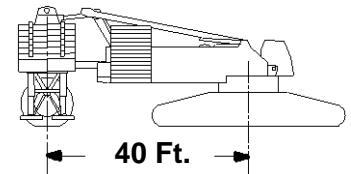


# Liftcrane Boom Capacities

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 860,000 Lb. Wheeled Counterweight  
 at 40 Ft. Position  
 360 Degree Rating

Meets  
**ANSI B30.5**  
 Requirements

## 18000 With 21000 MAX-ER



### 260 Ft. Boom

| Oper. Rad. Feet | Boom Ang. Deg. | Boom Point Elev. Feet | 0 Lb. Wheeled Counterweight Boom Capacity Pounds | 244,000 Lb. Wheeled Counterweight Boom Capacity Pounds | 464,000 Lb. Wheeled Counterweight Boom Capacity Pounds | 596,000 Lb. Wheeled Counterweight Boom Capacity Pounds | 772,000 Lb. Wheeled Counterweight Boom Capacity Pounds | 860,000 Lb. Wheeled Counterweight Boom Capacity Pounds | Oper. Rad. Feet |
|-----------------|----------------|-----------------------|--|--|--|--|--|--|-----------------|
| 45              | 82.2           | 268.3                 | 642,300*   | 794,800*   | 894,400*   | 894,400*   | 894,400*   | 894,400*   | 45              |
| 50              | 81.1           | 267.5                 | 567,100*   | 710,900*   | 830,600*   | 894,400*   | 894,400*   | 894,400*   | 50              |
| 55              | 80.0           | 266.6                 | 506,000*   | 641,700*   | 750,900*   | 816,400*   | 894,400*   | 894,400*   | 55              |
| 60              | 78.9           | 265.5                 | 455,400*   | 583,600*   | 684,000*   | 744,300*   | 824,600*   | 864,800*   | 60              |
| 65              | 77.7           | 264.4                 | 412,900*   | 534,200*   | 627,100*   | 682,800*   | 757,200*   | 794,400*   | 65              |
| 70              | 76.6           | 263.1                 | 376,600*   | 491,600*   | 578,000*   | 629,900*   | 699,100*   | 733,800*   | 70              |
| 75              | 75.5           | 261.8                 | 345,300*   | 454,500*   | 535,300*   | 583,900*   | 648,600*   | 681,000*   | 75              |
| 80              | 74.3           | 260.4                 | 318,000*   | 420,400*   | 497,800*   | 543,400*   | 604,200*   | 634,600*   | 80              |
| 85              | 73.2           | 258.8                 | 294,000*   | 390,200*   | 464,600*   | 507,600*   | 564,900*   | 593,500*   | 85              |
| 90              | 72.0           | 257.1                 | 272,400  | 363,400*   | 435,000*   | 475,600*   | 529,800*   | 556,900*   | 90              |
| 95              | 70.8           | 255.3                 | 250,500  | 339,500*   | 408,400*   | 447,000*   | 498,400*   | 524,100*   | 95              |
| 100             | 69.7           | 253.4                 | 231,100  | 318,000*   | 384,400*   | 421,100*   | 470,000*   | 494,400*   | 100             |
| 105             | 68.5           | 251.4                 | 213,900  | 298,600*   | 362,700*   | 397,600*   | 444,200*   | 467,500*   | 105             |
| 110             | 67.3           | 249.3                 | 198,400  | 281,000*   | 342,900*   | 376,300*   | 420,800*   | 443,100*   | 110             |
| 115             | 66.1           | 247.0                 | 184,500  | 265,000*   | 324,800*   | 356,700*   | 399,300*   | 420,600*   | 115             |
| 120             | 64.8           | 244.6                 | 171,900  | 250,300*   | 308,100*   | 338,700*   | 379,600*   | 400,100*   | 120             |
| 125             | 63.6           | 242.1                 | 160,400  | 236,700*   | 292,700*   | 322,200*   | 361,400*   | 381,100*   | 125             |
| 130             | 62.3           | 239.4                 | 149,900  | 224,300*   | 278,400*   | 306,900*   | 344,600*   | 363,500*   | 130             |
| 135             | 61.1           | 236.6                 | 140,300  | 212,700*   | 264,800*   | 292,700*   | 329,100*   | 347,300*   | 135             |
| 140             | 59.8           | 233.6                 | 131,400  | 202,000*   | 252,200*   | 279,500*   | 314,600*   | 332,100*   | 140             |
| 145             | 58.5           | 230.5                 | 123,200  | 192,100*   | 240,500*   | 267,100*   | 301,100*   | 318,000*   | 145             |
| 150             | 57.2           | 227.2                 | 115,600  | 182,800*   | 229,500*   | 255,600*   | 288,400*   | 304,800*   | 150             |
| 155             | 55.9           | 223.8                 | 108,500  | 174,100*   | 219,300*   | 244,800*   | 276,600*   | 292,500*   | 155             |
| 160             | 54.5           | 220.2                 | 101,900  | 165,900*   | 209,700*   | 234,700*   | 265,500*   | 280,900*   | 160             |
| 170             | 51.7           | 212.4                 | 90,000   | 151,000*   | 192,200*   | 216,200*   | 245,200*   | 259,700*   | 170             |
| 180             | 48.8           | 203.7                 | 79,500   | 137,800*   | 176,700*   | 199,700*   | 227,100*   | 237,100*   | 180             |
| 190             | 45.7           | 194.1                 | 70,100   | 125,900*   | 162,800*   | 184,800*   | 209,100*   | 214,400*   | 190             |
| 200             | 42.5           | 183.4                 | 61,400*  | 113,500*   | 150,200*   | 171,200*   | 188,900*   | 193,900*   | 200             |
| 210             | 39.0           | 171.4                 | 52,600*  | 102,000*   | 138,800*   | 158,800*   | 170,500*   | 175,200*   | 210             |
| 220             | 35.3           | 157.6                 | 44,500*  | 91,500*  | 128,500*   | 144,900*   | 153,700*   | 158,100*   | 220             |
| 230             | 31.2           | 141.7                 | 37,000*  | 81,900*  | 119,000*   | 129,700*   | 138,000*   | 142,200*   | 230             |
| 240             | 26.4           | 122.7                 | 30,100*  | 73,000*  | 109,600*   | 115,400*   | 123,200*   | 127,100*   | 240             |
| 250             | 20.7           | 98.5                  | 23,600*  | 64,600*  | 95,900*  | 101,400*   | 108,700*   | 112,400*   | 250             |

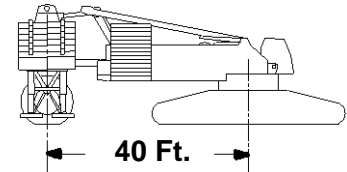


# Liftcrane Boom Capacities

**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 860,000 Lb. Wheeled Counterweight**  
**at 40 Ft. Position**  
**360 Degree Rating**

Meets  
**ANSI B30.5**  
 Requirements

**18000 With**  
**21000 MAX-ER**



## 280 Ft. Boom

| Oper. Rad. Feet | Boom Ang. Deg. | Boom Point Elev. Feet | 0 Lb. Wheeled Counterweight Boom Capacity Pounds | 244,000 Lb. Wheeled Counterweight Boom Capacity Pounds | 464,000 Lb. Wheeled Counterweight Boom Capacity Pounds | 596,000 Lb. Wheeled Counterweight Boom Capacity Pounds | 772,000 Lb. Wheeled Counterweight Boom Capacity Pounds | 860,000 Lb. Wheeled Counterweight Boom Capacity Pounds | Oper. Rad. Feet |
|-----------------|----------------|-----------------------|--|--|--|--|--|--|-----------------|
| 45              | 82.8           | 288.5                 | 639,700*   | 759,400*   | 759,400*   | 759,400*   | 759,400*   | 759,400*   | 45              |
| 50              | 81.8           | 287.8                 | 564,800*   | 708,300*   | 759,400*   | 759,400*   | 759,400*   | 759,400*   | 50              |
| 55              | 80.7           | 286.9                 | 503,700*   | 639,100*   | 748,200*   | 759,400*   | 759,400*   | 759,400*   | 55              |
| 60              | 79.7           | 286.0                 | 453,100*   | 581,000*   | 681,300*   | 741,600*   | 759,400*   | 759,400*   | 60              |
| 65              | 78.6           | 284.9                 | 410,600*   | 531,500*   | 624,400*   | 680,200*   | 754,600*   | 759,400*   | 65              |
| 70              | 77.6           | 283.8                 | 374,300*   | 488,900*   | 575,400*   | 627,300*   | 696,500*   | 731,100*   | 70              |
| 75              | 76.5           | 282.5                 | 342,900*   | 451,900*   | 532,700*   | 581,300*   | 646,000*   | 678,400*   | 75              |
| 80              | 75.5           | 281.2                 | 315,600*   | 418,000*   | 495,200*   | 540,800*   | 601,600*   | 632,000*   | 80              |
| 85              | 74.4           | 279.7                 | 291,600*   | 387,800*   | 462,000*   | 505,000*   | 562,300*   | 590,900*   | 85              |
| 90              | 73.3           | 278.2                 | 270,300*   | 361,000*   | 432,400*   | 473,000*   | 527,200*   | 554,300*   | 90              |
| 95              | 72.3           | 276.5                 | 248,700  | 337,100*   | 405,800*   | 444,400*   | 495,800*   | 521,500*   | 95              |
| 100             | 71.2           | 274.8                 | 229,300  | 315,600*   | 381,900*   | 418,500*   | 467,400*   | 491,800*   | 100             |
| 105             | 70.1           | 272.9                 | 212,000  | 296,200*   | 360,100*   | 395,100*   | 441,700*   | 465,000*   | 105             |
| 110             | 69.0           | 271.0                 | 196,600  | 278,600*   | 340,300*   | 373,700*   | 418,200*   | 440,500*   | 110             |
| 115             | 67.9           | 268.9                 | 182,600  | 262,600*   | 322,200*   | 354,100*   | 396,800*   | 418,100*   | 115             |
| 120             | 66.8           | 266.7                 | 170,000  | 247,800*   | 305,500*   | 336,200*   | 377,100*   | 397,500*   | 120             |
| 125             | 65.6           | 264.4                 | 158,500  | 234,300*   | 290,200*   | 319,600*   | 358,900*   | 378,500*   | 125             |
| 130             | 64.5           | 262.0                 | 147,900  | 221,900*   | 276,000*   | 304,300*   | 342,100*   | 361,000*   | 130             |
| 135             | 63.3           | 259.4                 | 138,300  | 210,300*   | 262,400*   | 290,100*   | 326,500*   | 344,700*   | 135             |
| 140             | 62.2           | 256.7                 | 129,400  | 199,600*   | 249,800*   | 276,900*   | 312,000*   | 329,600*   | 140             |
| 145             | 61.0           | 253.9                 | 121,200  | 189,700*   | 238,100*   | 264,600*   | 298,500*   | 315,500*   | 145             |
| 150             | 59.8           | 250.9                 | 113,600  | 180,400*   | 227,100*   | 253,100*   | 285,900*   | 302,300*   | 150             |
| 155             | 58.6           | 247.8                 | 106,500  | 171,700*   | 216,900*   | 242,300*   | 274,100*   | 290,000*   | 155             |
| 160             | 57.4           | 244.6                 | 99,900   | 163,500*   | 207,300*   | 232,200*   | 263,000*   | 278,400*   | 160             |
| 170             | 54.9           | 237.6                 | 87,900   | 148,600*   | 189,800*   | 213,700*   | 242,700*   | 257,200*   | 170             |
| 180             | 52.3           | 230.0                 | 77,400   | 135,400*   | 174,300*   | 197,200*   | 224,600*   | 238,300*   | 180             |
| 190             | 49.7           | 221.6                 | 68,100   | 123,600*   | 160,400*   | 182,400*   | 208,400*   | 219,900*   | 190             |
| 200             | 46.9           | 212.4                 | 58,900*  | 111,100*   | 147,900*   | 168,900*   | 193,700*   | 199,100*   | 200             |
| 210             | 43.9           | 202.1                 | 50,100*  | 99,700*  | 136,500*   | 156,500*   | 175,500*   | 180,300*   | 210             |
| 220             | 40.9           | 190.8                 | 42,100*  | 89,300*  | 126,200*   | 145,300*   | 158,600*   | 163,100*   | 220             |
| 230             | 37.5           | 178.1                 | 34,700*  | 79,700*  | 116,700*   | 134,600*   | 143,100*   | 147,400*   | 230             |
| 240             | 34.0           | 163.7                 | 27,900*  | 70,900*  | 108,000*   | 120,700*   | 128,700*   | 132,800*   | 240             |
| 250             | 30.0           | 147.0                 | 21,600*  | 62,800*  | 99,300*  | 107,600*   | 115,300*   | 119,100*   | 250             |
| 260             | 25.4           | 127.1                 | 15,600*  | 55,100*  | 89,800*  | 95,200*  | 102,400*   | 106,000*   | 260             |
| 270             | 19.9           | 101.9                 |  | 47,900*  | 77,800*  | 82,900*  | 89,700*  | 93,100*  | 270             |

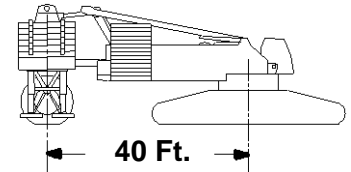


# Liftcrane Boom Capacities

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 860,000 Lb. Wheeled Counterweight  
 at 40 Ft. Position  
 360 Degree Rating

Meets  
**ANSI B30.5**  
 Requirements

**18000 With  
 21000 MAX-ER**



## 300 Ft. Boom

| Oper. Rad. Feet | Boom Ang. Deg. | Boom Point Elev. Feet | 0 Lb. Wheeled Counterweight Boom Capacity Pounds | 244,000 Lb. Wheeled Counterweight Boom Capacity Pounds | 464,000 Lb. Wheeled Counterweight Boom Capacity Pounds | 596,000 Lb. Wheeled Counterweight Boom Capacity Pounds | 772,000 Lb. Wheeled Counterweight Boom Capacity Pounds | 860,000 Lb. Wheeled Counterweight Boom Capacity Pounds | Oper. Rad. Feet |
|-----------------|----------------|-----------------------|--|--|--|--|--|--|-----------------|
| 50              | 82.3           | 308.0                 | 561,000*   | 655,000*   | 655,000*   | 655,000*   | 655,000*   | 655,000*   | 50              |
| 55              | 81.3           | 307.2                 | 499,900*   | 634,900*   | 655,000*   | 655,000*   | 655,000*   | 655,000*   | 55              |
| 60              | 80.4           | 306.3                 | 449,300*   | 576,800*   | 655,000*   | 655,000*   | 655,000*   | 655,000*   | 60              |
| 65              | 79.4           | 305.3                 | 406,700*   | 527,300*   | 620,200*   | 655,000*   | 655,000*   | 655,000*   | 65              |
| 70              | 78.4           | 304.3                 | 370,400*   | 484,700*   | 571,200*   | 623,100*   | 655,000*   | 655,000*   | 70              |
| 75              | 77.4           | 303.1                 | 339,000*   | 447,600*   | 528,500*   | 577,000*   | 641,800*   | 655,000*   | 75              |
| 80              | 76.5           | 301.9                 | 311,700*   | 414,100*   | 491,000*   | 536,600*   | 597,400*   | 627,800*   | 80              |
| 85              | 75.5           | 300.5                 | 287,600*   | 383,800*   | 457,800*   | 500,800*   | 558,100*   | 586,700*   | 85              |
| 90              | 74.5           | 299.1                 | 266,300*   | 357,000*   | 428,200*   | 468,800*   | 523,000*   | 550,100*   | 90              |
| 95              | 73.5           | 297.6                 | 245,600  | 333,100*   | 401,600*   | 440,200*   | 491,600*   | 517,300*   | 95              |
| 100             | 72.5           | 296.0                 | 226,100  | 311,600*   | 377,700*   | 414,300*   | 463,200*   | 487,600*   | 100             |
| 105             | 71.5           | 294.2                 | 208,700  | 292,200*   | 355,900*   | 390,900*   | 437,500*   | 460,800*   | 105             |
| 110             | 70.5           | 292.4                 | 193,200  | 274,600*   | 336,100*   | 369,500*   | 414,000*   | 436,300*   | 110             |
| 115             | 69.4           | 290.5                 | 179,200  | 258,500*   | 318,000*   | 350,000*   | 392,600*   | 413,900*   | 115             |
| 120             | 68.4           | 288.5                 | 166,500  | 243,800*   | 301,300*   | 332,000*   | 372,900*   | 393,300*   | 120             |
| 125             | 67.4           | 286.4                 | 155,000  | 230,300*   | 286,000*   | 315,400*   | 354,700*   | 374,300*   | 125             |
| 130             | 66.3           | 284.1                 | 144,500  | 217,800*   | 271,800*   | 300,100*   | 337,900*   | 356,800*   | 130             |
| 135             | 65.3           | 281.8                 | 134,800  | 206,300*   | 258,400*   | 286,000*   | 322,300*   | 340,600*   | 135             |
| 140             | 64.2           | 279.3                 | 125,900  | 195,600*   | 245,800*   | 272,800*   | 307,900*   | 325,400*   | 140             |
| 145             | 63.1           | 276.7                 | 117,600  | 185,600*   | 234,000*   | 260,400*   | 294,400*   | 311,300*   | 145             |
| 150             | 62.0           | 274.0                 | 110,000  | 176,300*   | 223,100*   | 248,900*   | 281,700*   | 298,200*   | 150             |
| 155             | 60.9           | 271.2                 | 102,900  | 167,600*   | 212,900*   | 238,200*   | 269,900*   | 285,800*   | 155             |
| 160             | 59.8           | 268.3                 | 96,300   | 159,500*   | 203,300*   | 228,000*   | 258,800*   | 274,200*   | 160             |
| 170             | 57.6           | 262.0                 | 84,300   | 144,600*   | 185,800*   | 209,500*   | 238,500*   | 253,000*   | 170             |
| 180             | 55.3           | 255.1                 | 73,800   | 131,400*   | 170,300*   | 193,100*   | 220,500*   | 234,200*   | 180             |
| 190             | 52.9           | 247.6                 | 63,900*  | 119,200*   | 156,400*   | 178,300*   | 204,200*   | 217,200*   | 190             |
| 200             | 50.4           | 239.4                 | 54,200*  | 106,500*   | 143,900*   | 164,900*   | 189,600*   | 201,400*   | 200             |
| 210             | 47.8           | 230.4                 | 45,400*  | 95,100*  | 132,500*   | 152,500*   | 176,300*   | 182,400*   | 210             |
| 220             | 45.2           | 220.6                 | 37,300*  | 84,700*  | 122,200*   | 141,300*   | 160,400*   | 165,000*   | 220             |
| 230             | 42.4           | 209.9                 | 30,000*  | 75,200*  | 112,800*   | 131,000*   | 144,800*   | 149,200*   | 230             |
| 240             | 39.4           | 197.9                 | 23,200*  | 66,400*  | 104,100*   | 121,600*   | 130,500*   | 134,600*   | 240             |
| 250             | 36.2           | 184.6                 | 16,900*  | 58,300*  | 94,900*  | 109,300*   | 117,200*   | 121,100*   | 250             |
| 260             | 32.7           | 169.5                 |  | 50,800*  | 85,900*  | 97,300*  | 104,800*   | 108,500*   | 260             |
| 270             | 28.9           | 152.1                 |  | 43,800*  | 77,500*  | 85,900*  | 93,000*  | 96,600*  | 270             |
| 280             | 24.5           | 131.4                 |  | 37,100*  | 69,600*  | 75,000*  | 81,700*  | 85,100*  | 280             |
| 290             | 19.2           | 105.2                 |  | 30,800*  | 59,300*  | 64,100*  | 70,400*  | 73,600*  | 290             |

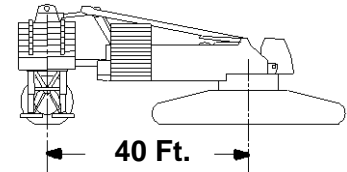


# Liftcrane Boom Capacities

**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 860,000 Lb. Wheeled Counterweight**  
**at 40 Ft. Position**  
**360 Degree Rating**

Meets  
**ANSI B30.5**  
 Requirements

**18000 With**  
**21000 MAX-ER**



## 320 Ft. Boom

| Oper. Rad. Feet | Boom Ang. Deg. | Boom Point Elev. Feet | 0 Lb. Wheeled Counterweight Boom Capacity Pounds | 244,000 Lb. Wheeled Counterweight Boom Capacity Pounds | 464,000 Lb. Wheeled Counterweight Boom Capacity Pounds | 596,000 Lb. Wheeled Counterweight Boom Capacity Pounds | 772,000 Lb. Wheeled Counterweight Boom Capacity Pounds | 860,000 Lb. Wheeled Counterweight Boom Capacity Pounds | Oper. Rad. Feet |
|-----------------|----------------|-----------------------|--|--|--|--|--|--|-----------------|
| 50              | 82.8           | 328.2                 | 561,400*   | 562,300*   | 562,300*   | 562,300*   | 562,300*   | 562,300*   | 50              |
| 55              | 81.9           | 327.5                 | 500,200*   | 562,300*   | 562,300*   | 562,300*   | 562,300*   | 562,300*   | 55              |
| 60              | 81.0           | 326.6                 | 449,600*   | 562,300*   | 562,300*   | 562,300*   | 562,300*   | 562,300*   | 60              |
| 65              | 80.1           | 325.7                 | 407,000*   | 527,400*   | 562,300*   | 562,300*   | 562,300*   | 562,300*   | 65              |
| 70              | 79.2           | 324.7                 | 370,700*   | 484,900*   | 562,300*   | 562,300*   | 562,300*   | 562,300*   | 70              |
| 75              | 78.2           | 323.6                 | 339,300*   | 447,800*   | 528,600*   | 562,300*   | 562,300*   | 562,300*   | 75              |
| 80              | 77.3           | 322.5                 | 312,000*   | 414,400*   | 491,100*   | 536,700*   | 562,300*   | 562,300*   | 80              |
| 85              | 76.4           | 321.2                 | 287,900*   | 384,200*   | 458,000*   | 500,900*   | 558,200*   | 562,300*   | 85              |
| 90              | 75.5           | 319.9                 | 266,600*   | 357,400*   | 428,400*   | 469,000*   | 523,200*   | 550,300*   | 90              |
| 95              | 74.5           | 318.5                 | 246,400  | 333,400*   | 401,800*   | 440,400*   | 491,800*   | 517,500*   | 95              |
| 100             | 73.6           | 317.0                 | 226,900  | 312,000*   | 377,900*   | 414,500*   | 463,400*   | 487,800*   | 100             |
| 105             | 72.7           | 315.4                 | 209,500  | 292,600*   | 356,100*   | 391,100*   | 437,700*   | 461,000*   | 105             |
| 110             | 71.7           | 313.7                 | 194,000  | 274,900*   | 336,300*   | 369,700*   | 414,200*   | 436,500*   | 110             |
| 115             | 70.8           | 311.9                 | 180,000  | 258,900*   | 318,200*   | 350,200*   | 392,800*   | 414,100*   | 115             |
| 120             | 69.8           | 310.0                 | 167,300  | 244,200*   | 301,600*   | 332,200*   | 373,100*   | 393,500*   | 120             |
| 125             | 68.9           | 308.0                 | 155,700  | 230,700*   | 286,300*   | 315,700*   | 355,000*   | 374,600*   | 125             |
| 130             | 67.9           | 306.0                 | 145,200  | 218,200*   | 272,100*   | 300,400*   | 338,200*   | 357,100*   | 130             |
| 135             | 66.9           | 303.8                 | 135,500  | 206,700*   | 258,700*   | 286,200*   | 322,600*   | 340,800*   | 135             |
| 140             | 65.9           | 301.5                 | 126,600  | 196,000*   | 246,100*   | 273,000*   | 308,100*   | 325,700*   | 140             |
| 145             | 64.9           | 299.1                 | 118,300  | 186,000*   | 234,400*   | 260,700*   | 294,700*   | 311,600*   | 145             |
| 150             | 63.9           | 296.7                 | 110,700  | 176,700*   | 223,500*   | 249,200*   | 282,000*   | 298,500*   | 150             |
| 155             | 62.9           | 294.1                 | 103,600  | 168,000*   | 213,300*   | 238,500*   | 270,200*   | 286,100*   | 155             |
| 160             | 61.9           | 291.4                 | 97,000   | 159,900*   | 203,700*   | 228,400*   | 259,100*   | 274,500*   | 160             |
| 170             | 59.8           | 285.6                 | 85,000   | 145,000*   | 186,200*   | 209,900*   | 238,900*   | 253,400*   | 170             |
| 180             | 57.7           | 279.3                 | 74,400   | 131,800*   | 170,700*   | 193,400*   | 220,800*   | 234,500*   | 180             |
| 190             | 55.6           | 272.5                 | 65,000*  | 120,000*   | 156,800*   | 178,600*   | 204,600*   | 217,600*   | 190             |
| 200             | 53.3           | 265.1                 | 55,300*  | 107,800*   | 144,300*   | 165,300*   | 190,000*   | 202,400*   | 200             |
| 210             | 51.0           | 257.1                 | 46,500*  | 96,400*  | 133,000*   | 153,000*   | 176,800*   | 188,500*   | 210             |
| 220             | 48.7           | 248.4                 | 38,500*  | 86,000*  | 122,700*   | 141,800*   | 164,700*   | 172,300*   | 220             |
| 230             | 46.2           | 239.0                 | 31,100*  | 76,500*  | 113,300*   | 131,500*   | 151,800*   | 156,300*   | 230             |
| 240             | 43.6           | 228.6                 | 24,400*  | 67,700*  | 104,600*   | 122,100*   | 137,400*   | 141,600*   | 240             |
| 250             | 40.9           | 217.3                 | 18,200*  | 59,700*  | 96,400*  | 113,400*   | 124,100*   | 128,100*   | 250             |
| 260             | 38.1           | 204.7                 |  | 52,200*  | 87,500*  | 104,100*   | 111,700*   | 115,600*   | 260             |
| 270             | 35.0           | 190.8                 |  | 45,300*  | 79,100*  | 92,900*  | 100,200*   | 103,900*   | 270             |
| 280             | 31.6           | 175.1                 |  | 38,800*  | 71,400*  | 82,400*  | 89,400*  | 92,900*  | 280             |
| 290             | 27.9           | 157.0                 |  | 32,700*  | 64,100*  | 72,400*  | 79,000*  | 82,300*  | 290             |
| 300             | 23.7           | 135.4                 |  | 26,900*  | 57,100*  | 62,700*  | 69,000*  | 72,200*  | 300             |
| 310             | 18.5           | 108.3                 |  | 21,300*  | 48,500*  | 53,000*  | 59,000*  | 61,900*  | 310             |

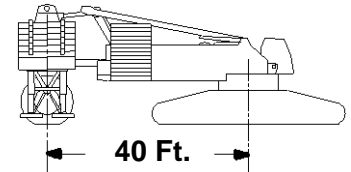


# Liftcrane Boom Capacities

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 860,000 Lb. Wheeled Counterweight  
 at 40 Ft. Position  
 360 Degree Rating

Meets  
**ANSI B30.5**  
 Requirements

**18000 With  
 21000 MAX-ER**



## 340 Ft. Boom

| Oper. Rad. Feet | Boom Ang. Deg. | Boom Point Elev. Feet | 244,000 Lb. Wheeled Counterweight Boom Capacity Pounds | 464,000 Lb. Wheeled Counterweight Boom Capacity Pounds | 596,000 Lb. Wheeled Counterweight Boom Capacity Pounds | 772,000 Lb. Wheeled Counterweight Boom Capacity Pounds | 860,000 Lb. Wheeled Counterweight Boom Capacity Pounds | Oper. Rad. Feet |
|-----------------|----------------|-----------------------|--|--|--|--|--|-----------------|
| 55              | 82.4           | 347.7                 | 491,900*   | 491,900*   | 491,900*   | 491,900*   | 491,900*   | 55              |
| 60              | 81.5           | 346.9                 | 491,900*   | 491,900*   | 491,900*   | 491,900*   | 491,900*   | 60              |
| 65              | 80.7           | 346.1                 | 491,900*   | 491,900*   | 491,900*   | 491,900*   | 491,900*   | 65              |
| 70              | 79.8           | 345.1                 | 480,600*   | 491,900*   | 491,900*   | 491,900*   | 491,900*   | 70              |
| 75              | 78.9           | 344.1                 | 443,500*   | 491,900*   | 491,900*   | 491,900*   | 491,900*   | 75              |
| 80              | 78.1           | 343.0                 | 410,400*   | 486,900*   | 491,900*   | 491,900*   | 491,900*   | 80              |
| 85              | 77.2           | 341.9                 | 380,200*   | 453,700*   | 491,900*   | 491,900*   | 491,900*   | 85              |
| 90              | 76.3           | 340.6                 | 353,400*   | 424,100*   | 464,800*   | 491,900*   | 491,900*   | 90              |
| 95              | 75.5           | 339.3                 | 329,400*   | 397,600*   | 436,100*   | 487,500*   | 491,900*   | 95              |
| 100             | 74.6           | 337.9                 | 307,900*   | 373,600*   | 410,300*   | 459,100*   | 483,600*   | 100             |
| 105             | 73.7           | 336.4                 | 288,500*   | 351,900*   | 386,800*   | 433,400*   | 456,700*   | 105             |
| 110             | 72.8           | 334.8                 | 270,900*   | 332,100*   | 365,500*   | 410,000*   | 432,300*   | 110             |
| 115             | 72.0           | 333.1                 | 254,800*   | 314,000*   | 345,900*   | 388,600*   | 409,900*   | 115             |
| 120             | 71.1           | 331.4                 | 240,100*   | 297,300*   | 328,000*   | 368,900*   | 389,300*   | 120             |
| 125             | 70.2           | 329.5                 | 226,600*   | 282,000*   | 311,500*   | 350,700*   | 370,400*   | 125             |
| 130             | 69.3           | 327.6                 | 214,100*   | 267,800*   | 296,200*   | 333,900*   | 352,800*   | 130             |
| 135             | 68.3           | 325.6                 | 202,600*   | 254,700*   | 282,000*   | 318,400*   | 336,600*   | 135             |
| 140             | 67.4           | 323.5                 | 191,900*   | 242,100*   | 268,800*   | 303,900*   | 321,500*   | 140             |
| 145             | 66.5           | 321.2                 | 181,900*   | 230,300*   | 256,500*   | 290,400*   | 307,400*   | 145             |
| 150             | 65.6           | 318.9                 | 172,600*   | 219,400*   | 245,000*   | 277,800*   | 294,200*   | 150             |
| 155             | 64.6           | 316.5                 | 164,000*   | 209,200*   | 234,300*   | 266,000*   | 281,900*   | 155             |
| 160             | 63.7           | 314.0                 | 155,800*   | 199,600*   | 224,100*   | 254,900*   | 270,300*   | 160             |
| 170             | 61.8           | 308.7                 | 141,000*   | 182,200*   | 205,700*   | 234,700*   | 249,200*   | 170             |
| 180             | 59.9           | 302.9                 | 127,800*   | 166,600*   | 189,200*   | 216,600*   | 230,300*   | 180             |
| 190             | 57.9           | 296.7                 | 115,600*   | 152,800*   | 174,500*   | 200,400*   | 213,400*   | 190             |
| 200             | 55.8           | 289.9                 | 103,000*   | 140,300*   | 161,100*   | 185,800*   | 198,200*   | 200             |
| 210             | 53.7           | 282.6                 | 91,500*  | 128,900*   | 148,900*   | 172,600*   | 184,400*   | 210             |
| 220             | 51.6           | 274.8                 | 81,100*  | 118,700*   | 137,700*   | 160,500*   | 171,800*   | 220             |
| 230             | 49.4           | 266.3                 | 71,600*  | 109,200*   | 127,500*   | 149,500*   | 156,800*   | 230             |
| 240             | 47.1           | 257.1                 | 62,900*  | 100,600*   | 118,100*   | 137,600*   | 142,000*   | 240             |
| 250             | 44.7           | 247.2                 | 54,900*  | 91,600*  | 109,400*   | 124,200*   | 128,400*   | 250             |
| 260             | 42.2           | 236.3                 | 47,400*  | 82,800*  | 101,400*   | 111,900*   | 115,800*   | 260             |
| 270             | 39.6           | 224.4                 | 40,500*  | 74,500*  | 92,900*  | 100,400*   | 104,100*   | 270             |
| 280             | 36.9           | 211.4                 | 34,100*  | 66,800*  | 82,500*  | 89,600*  | 93,200*  | 280             |
| 290             | 33.9           | 196.8                 | 28,000*  | 59,500*  | 72,700*  | 79,500*  | 82,900*  | 290             |
| 300             | 30.6           | 180.5                 | 22,400*  | 52,700*  | 63,500*  | 69,900*  | 73,200*  | 300             |
| 310             | 27.1           | 161.7                 | 17,000*  | 46,300*  | 54,600*  | 60,800*  | 63,900*  | 310             |
| 320             | 22.9           | 139.4                 |  | 40,200*  | 45,900*  | 51,800*  | 54,700*  | 320             |
| 330             | 17.9           | 111.4                 |  | 32,900*  | 37,100*  | 42,700*  | 45,600*  | 330             |

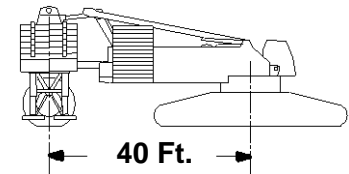


# Liftcrane Boom Capacities

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 860,000 Lb. Wheeled Counterweight  
 at 40 Ft. Position  
 360 Degree Rating

Meets  
**ANSI B30.5**  
 Requirements

## 18000 With 21000 MAX-ER



### 360 Ft. Boom

| Oper. Rad. Feet | Boom Ang. Deg. | Boom Point Elev. Feet | 244,000 Lb. Wheeled Counterweight Boom Capacity Pounds | 464,000 Lb. Wheeled Counterweight Boom Capacity Pounds | 596,000 Lb. Wheeled Counterweight Boom Capacity Pounds | 772,000 Lb. Wheeled Counterweight Boom Capacity Pounds | 860,000 Lb. Wheeled Counterweight Boom Capacity Pounds | Oper. Rad. Feet |
|-----------------|----------------|-----------------------|--|--|--|--|--|-----------------|
| 55              | 82.8           | 367.9                 | 430,500*   | 430,500*   | 430,500*   | 430,500*   | 430,500*   | 55              |
| 60              | 82.0           | 367.2                 | 430,500*   | 430,500*   | 430,500*   | 430,500*   | 430,500*   | 60              |
| 65              | 81.2           | 366.4                 | 430,500*   | 430,500*   | 430,500*   | 430,500*   | 430,500*   | 65              |
| 70              | 80.4           | 365.5                 | 430,500*   | 430,500*   | 430,500*   | 430,500*   | 430,500*   | 70              |
| 75              | 79.6           | 364.5                 | 430,500*   | 430,500*   | 430,500*   | 430,500*   | 430,500*   | 75              |
| 80              | 78.8           | 363.5                 | 407,500*   | 430,500*   | 430,500*   | 430,500*   | 430,500*   | 80              |
| 85              | 77.9           | 362.4                 | 377,300*   | 430,500*   | 430,500*   | 430,500*   | 430,500*   | 85              |
| 90              | 77.1           | 361.2                 | 350,500*   | 421,100*   | 430,500*   | 430,500*   | 430,500*   | 90              |
| 95              | 76.3           | 360.0                 | 326,500*   | 394,500*   | 430,500*   | 430,500*   | 430,500*   | 95              |
| 100             | 75.5           | 358.6                 | 305,000*   | 370,600*   | 407,200*   | 430,500*   | 430,500*   | 100             |
| 105             | 74.7           | 357.2                 | 285,600*   | 348,800*   | 383,800*   | 430,400*   | 430,500*   | 105             |
| 110             | 73.8           | 355.7                 | 268,000*   | 329,000*   | 362,400*   | 406,900*   | 429,200*   | 110             |
| 115             | 73.0           | 354.2                 | 251,900*   | 310,900*   | 342,900*   | 385,500*   | 406,800*   | 115             |
| 120             | 72.2           | 352.5                 | 237,200*   | 294,300*   | 325,000*   | 365,800*   | 386,300*   | 120             |
| 125             | 71.3           | 350.8                 | 223,700*   | 279,000*   | 308,400*   | 347,700*   | 367,300*   | 125             |
| 130             | 70.5           | 349.0                 | 211,200*   | 264,800*   | 293,100*   | 330,900*   | 349,800*   | 130             |
| 135             | 69.6           | 347.1                 | 199,700*   | 251,700*   | 279,000*   | 315,400*   | 333,600*   | 135             |
| 140             | 68.8           | 345.1                 | 189,000*   | 239,100*   | 265,800*   | 300,900*   | 318,500*   | 140             |
| 145             | 67.9           | 343.1                 | 179,000*   | 227,400*   | 253,500*   | 287,400*   | 304,400*   | 145             |
| 150             | 67.0           | 340.9                 | 169,700*   | 216,500*   | 242,000*   | 274,800*   | 291,200*   | 150             |
| 155             | 66.2           | 338.7                 | 161,000*   | 206,300*   | 231,200*   | 263,000*   | 278,900*   | 155             |
| 160             | 65.3           | 336.3                 | 152,900*   | 196,700*   | 221,100*   | 251,900*   | 267,300*   | 160             |
| 170             | 63.5           | 331.4                 | 138,000*   | 179,200*   | 202,700*   | 231,700*   | 246,200*   | 170             |
| 180             | 61.7           | 326.0                 | 124,900*   | 163,700*   | 186,200*   | 213,600*   | 227,300*   | 180             |
| 190             | 59.9           | 320.2                 | 112,400*   | 149,900*   | 171,500*   | 197,500*   | 210,500*   | 190             |
| 200             | 58.0           | 314.0                 | 99,700*  | 137,400*   | 158,200*   | 182,900*   | 195,200*   | 200             |
| 210             | 56.1           | 307.3                 | 88,200*  | 126,100*   | 146,100*   | 169,600*   | 181,400*   | 210             |
| 220             | 54.1           | 300.1                 | 77,800*  | 115,800*   | 134,900*   | 157,600*   | 168,800*   | 220             |
| 230             | 52.1           | 292.4                 | 68,300*  | 106,400*   | 124,600*   | 146,600*   | 157,300*   | 230             |
| 240             | 50.0           | 284.1                 | 59,600*  | 96,800*  | 115,200*   | 136,400*   | 143,600*   | 240             |
| 250             | 47.9           | 275.2                 | 51,600*  | 87,700*  | 106,600*   | 125,600*   | 129,800*   | 250             |
| 260             | 45.7           | 265.5                 | 44,100*  | 79,300*  | 98,400*  | 113,100*   | 117,100*   | 260             |
| 270             | 43.4           | 255.1                 | 37,300*  | 71,300*  | 89,800*  | 101,500*   | 105,300*   | 270             |
| 280             | 41.0           | 243.7                 | 30,800*  | 63,600*  | 81,900*  | 90,800*  | 94,400*  | 280             |
| 290             | 38.4           | 231.4                 | 24,900*  | 56,400*  | 73,700*  | 80,700*  | 84,200*  | 290             |
| 300             | 35.8           | 217.8                 | 19,200*  | 49,700*  | 64,600*  | 71,300*  | 74,600*  | 300             |
| 310             | 32.9           | 202.7                 |  | 43,400*  | 56,000*  | 62,300*  | 65,500*  | 310             |
| 320             | 29.7           | 185.7                 |  | 37,400*  | 47,700*  | 53,800*  | 56,800*  | 320             |
| 330             | 26.3           | 166.3                 |  | 31,700*  | 39,800*  | 45,600*  | 48,500*  | 330             |
| 340             | 22.3           | 143.3                 |  | 26,200*  | 31,900*  | 37,500*  | 40,300*  | 340             |
| 350             | 17.4           | 114.3                 |  | 20,000*  | 24,000*  | 29,300*  | 32,000*  | 350             |

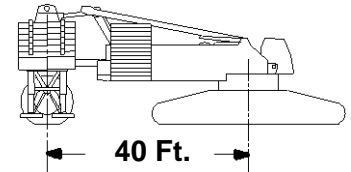


# Liftcrane Boom Capacities

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 860,000 Lb. Wheeled Counterweight  
at 40 Ft. Position  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements

## 18000 With 21000 MAX-ER



### 380 Ft. Boom

| Oper. Rad. Feet | Boom Ang. Deg. | Boom Point Elev. Feet | 464,000 Lb. Wheeled Counterweight Boom Capacity Pounds | 596,000 Lb. Wheeled Counterweight Boom Capacity Pounds | 772,000 Lb. Wheeled Counterweight Boom Capacity Pounds | 860,000 Lb. Wheeled Counterweight Boom Capacity Pounds | Oper. Rad. Feet |
|-----------------|----------------|-----------------------|--|--|--|--|-----------------|
| 60              | 82.4           | 387.4                 | 374,200*   | 374,200*   | 374,200*   | 374,200*   | 60              |
| 65              | 81.7           | 386.6                 | 374,200*   | 374,200*   | 374,200*   | 374,200*   | 65              |
| 70              | 80.9           | 385.8                 | 374,200*   | 374,200*   | 374,200*   | 374,200*   | 70              |
| 75              | 80.1           | 384.9                 | 374,200*   | 374,200*   | 374,200*   | 374,200*   | 75              |
| 80              | 79.4           | 383.9                 | 374,200*   | 374,200*   | 374,200*   | 374,200*   | 80              |
| 85              | 78.6           | 382.9                 | 374,200*   | 374,200*   | 374,200*   | 374,200*   | 85              |
| 90              | 77.8           | 381.8                 | 374,200*   | 374,200*   | 374,200*   | 374,200*   | 90              |
| 95              | 77.0           | 380.6                 | 374,200*   | 374,200*   | 374,200*   | 374,200*   | 95              |
| 100             | 76.3           | 379.3                 | 368,500*   | 374,200*   | 374,200*   | 374,200*   | 100             |
| 105             | 75.5           | 378.0                 | 346,700*   | 374,200*   | 374,200*   | 374,200*   | 105             |
| 110             | 74.7           | 376.6                 | 326,900*   | 360,300*   | 374,200*   | 374,200*   | 110             |
| 115             | 73.9           | 375.1                 | 308,800*   | 340,800*   | 374,200*   | 374,200*   | 115             |
| 120             | 73.1           | 373.6                 | 292,200*   | 322,900*   | 363,700*   | 373,700*   | 120             |
| 125             | 72.3           | 372.0                 | 276,900*   | 306,300*   | 345,600*   | 365,200*   | 125             |
| 130             | 71.5           | 370.2                 | 262,700*   | 291,100*   | 328,800*   | 347,700*   | 130             |
| 135             | 70.7           | 368.5                 | 249,600*   | 276,900*   | 313,300*   | 331,500*   | 135             |
| 140             | 69.9           | 366.6                 | 237,200*   | 263,700*   | 298,800*   | 316,400*   | 140             |
| 145             | 69.1           | 364.7                 | 225,500*   | 251,400*   | 285,300*   | 302,300*   | 145             |
| 150             | 68.3           | 362.6                 | 214,500*   | 239,900*   | 272,700*   | 289,100*   | 150             |
| 155             | 67.5           | 360.5                 | 204,300*   | 229,200*   | 260,900*   | 276,800*   | 155             |
| 160             | 66.7           | 358.4                 | 194,700*   | 219,100*   | 249,900*   | 265,300*   | 160             |
| 170             | 65.0           | 353.7                 | 177,300*   | 200,600*   | 229,600*   | 244,100*   | 170             |
| 180             | 63.3           | 348.7                 | 161,800*   | 184,200*   | 211,600*   | 225,300*   | 180             |
| 190             | 61.6           | 343.3                 | 147,900*   | 169,400*   | 195,400*   | 208,400*   | 190             |
| 200             | 59.9           | 337.5                 | 135,400*   | 156,100*   | 180,800*   | 193,200*   | 200             |
| 210             | 58.1           | 331.4                 | 124,100*   | 144,100*   | 167,600*   | 179,400*   | 210             |
| 220             | 56.3           | 324.7                 | 113,800*   | 132,900*   | 155,600*   | 166,800*   | 220             |
| 230             | 54.4           | 317.6                 | 104,000*   | 122,700*   | 144,500*   | 155,300*   | 230             |
| 240             | 52.5           | 310.0                 | 94,100*  | 113,300*   | 134,400*   | 144,700*   | 240             |
| 250             | 50.6           | 301.9                 | 85,100*  | 104,700*   | 125,100*   | 132,100*   | 250             |
| 260             | 48.6           | 293.1                 | 76,700*  | 95,700*  | 115,100*   | 119,200*   | 260             |
| 270             | 46.5           | 283.8                 | 68,900*  | 87,200*  | 103,500*   | 107,400*   | 270             |
| 280             | 44.4           | 273.7                 | 61,600*  | 79,300*  | 92,700*  | 96,400*  | 280             |
| 290             | 42.2           | 262.8                 | 54,400*  | 71,900*  | 82,600*  | 86,100*  | 290             |
| 300             | 39.8           | 250.9                 | 47,700*  | 64,900*  | 73,100*  | 76,500*  | 300             |
| 310             | 37.4           | 238.1                 | 41,400*  | 57,800*  | 64,300*  | 67,500*  | 310             |
| 320             | 34.8           | 224.0                 | 35,500*  | 49,600*  | 55,900*  | 59,000*  | 320             |
| 330             | 32.0           | 208.3                 | 29,900*  | 41,900*  | 47,900*  | 50,900*  | 330             |
| 340             | 28.9           | 190.8                 | 24,600*  | 34,500*  | 40,300*  | 43,100*  | 340             |
| 350             | 25.5           | 170.7                 | 19,500*  | 27,300*  | 32,800*  | 35,600*  | 350             |
| 360             | 21.6           | 147.0                 |  | 20,300*  | 25,500*  | 28,200*  | 360             |
| 370             | 16.9           | 117.2                 |  |  | 18,100*  | 20,600*  | 370             |

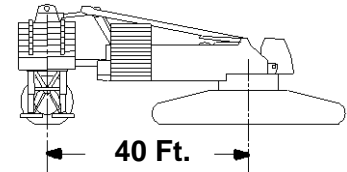


# Liftcrane Boom Capacities

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 860,000 Lb. Wheeled Counterweight  
 at 40 Ft. Position  
 360 Degree Rating

Meets  
**ANSI B30.5**  
 Requirements

## 18000 With 21000 MAX-ER



### 400 Ft. Boom

| Oper. Rad. Feet | Boom Ang. Deg. | Boom Point Elev. Feet | 464,000 Lb. Wheeled Counterweight Boom Capacity Pounds | 596,000 Lb. Wheeled Counterweight Boom Capacity Pounds | 772,000 Lb. Wheeled Counterweight Boom Capacity Pounds | 860,000 Lb. Wheeled Counterweight Boom Capacity Pounds | Oper. Rad. Feet |
|-----------------|----------------|-----------------------|--|--|--|--|-----------------|
| 60              | 82.8           | 407.6                 | 330,700*   | 330,700*   | 330,700*   | 330,700*   | 60              |
| 65              | 82.1           | 406.9                 | 330,700*   | 330,700*   | 330,700*   | 330,700*   | 65              |
| 70              | 81.3           | 406.1                 | 330,700*   | 330,700*   | 330,700*   | 330,700*   | 70              |
| 75              | 80.6           | 405.2                 | 330,700*   | 330,700*   | 330,700*   | 330,700*   | 75              |
| 80              | 79.9           | 404.3                 | 330,700*   | 330,700*   | 330,700*   | 330,700*   | 80              |
| 85              | 79.2           | 403.3                 | 330,700*   | 330,700*   | 330,700*   | 330,700*   | 85              |
| 90              | 78.4           | 402.3                 | 330,700*   | 330,700*   | 330,700*   | 330,700*   | 90              |
| 95              | 77.7           | 401.1                 | 330,700*   | 330,700*   | 330,700*   | 330,700*   | 95              |
| 100             | 77.0           | 400.0                 | 330,700*   | 330,700*   | 330,700*   | 330,700*   | 100             |
| 105             | 76.2           | 398.7                 | 330,700*   | 330,700*   | 330,700*   | 330,700*   | 105             |
| 110             | 75.5           | 397.4                 | 323,800*   | 330,700*   | 330,700*   | 330,700*   | 110             |
| 115             | 74.7           | 396.0                 | 305,700*   | 330,700*   | 330,700*   | 330,700*   | 115             |
| 120             | 74.0           | 394.5                 | 289,000*   | 319,700*   | 330,600*   | 330,600*   | 120             |
| 125             | 73.2           | 393.0                 | 273,700*   | 303,200*   | 329,500*   | 329,500*   | 125             |
| 130             | 72.5           | 391.4                 | 259,600*   | 287,900*   | 325,700*   | 328,400*   | 130             |
| 135             | 71.7           | 389.7                 | 246,400*   | 273,700*   | 310,100*   | 327,200*   | 135             |
| 140             | 71.0           | 387.9                 | 234,100*   | 260,500*   | 295,700*   | 313,200*   | 140             |
| 145             | 70.2           | 386.1                 | 222,400*   | 248,300*   | 282,200*   | 299,100*   | 145             |
| 150             | 69.4           | 384.2                 | 211,500*   | 236,800*   | 269,600*   | 286,000*   | 150             |
| 155             | 68.7           | 382.2                 | 201,300*   | 226,000*   | 257,800*   | 273,700*   | 155             |
| 160             | 67.9           | 380.1                 | 191,700*   | 215,900*   | 246,700*   | 262,100*   | 160             |
| 170             | 66.3           | 375.8                 | 174,200*   | 197,500*   | 226,500*   | 241,000*   | 170             |
| 180             | 64.8           | 371.1                 | 158,700*   | 181,000*   | 208,500*   | 222,200*   | 180             |
| 190             | 63.2           | 366.0                 | 144,900*   | 166,300*   | 192,300*   | 205,300*   | 190             |
| 200             | 61.5           | 360.6                 | 132,400*   | 153,000*   | 177,700*   | 190,100*   | 200             |
| 210             | 59.9           | 354.9                 | 121,100*   | 141,000*   | 164,500*   | 176,300*   | 210             |
| 220             | 58.2           | 348.7                 | 110,600*   | 129,900*   | 152,500*   | 163,700*   | 220             |
| 230             | 56.5           | 342.1                 | 99,900*  | 119,700*   | 141,500*   | 152,200*   | 230             |
| 240             | 54.7           | 335.1                 | 90,100*  | 110,300*   | 131,300*   | 141,700*   | 240             |
| 250             | 52.9           | 327.6                 | 81,000*  | 100,800*   | 122,000*   | 131,900*   | 250             |
| 260             | 51.1           | 319.6                 | 72,600*  | 91,600*  | 113,400*   | 119,700*   | 260             |
| 270             | 49.2           | 311.0                 | 64,800*  | 83,200*  | 103,700*   | 107,700*   | 270             |
| 280             | 47.3           | 301.9                 | 57,600*  | 75,300*  | 92,800*  | 96,600*  | 280             |
| 290             | 45.3           | 292.1                 | 50,800*  | 67,900*  | 82,700*  | 86,300*  | 290             |
| 300             | 43.2           | 281.5                 | 44,300*  | 61,000*  | 73,200*  | 76,600*  | 300             |
| 310             | 41.0           | 270.2                 | 38,000*  | 54,500*  | 64,300*  | 67,600*  | 310             |
| 320             | 38.8           | 257.9                 | 32,100*  | 48,400*  | 55,900*  | 59,100*  | 320             |
| 330             | 36.4           | 244.6                 | 26,500*  | 41,900*  | 48,100*  | 51,100*  | 330             |
| 340             | 33.8           | 230.0                 | 21,200*  | 34,700*  | 40,600*  | 43,500*  | 340             |
| 350             | 31.1           | 213.8                 | 16,200*  | 27,800*  | 33,400*  | 36,200*  | 350             |
| 360             | 28.1           | 195.7                 |  | 21,100*  | 26,500*  | 29,200*  | 360             |
| 370             | 24.9           | 175.1                 |  |  | 19,800*  | 22,400*  | 370             |
| 380             | 21.1           | 150.6                 |  |  |  | 15,600*  | 380             |



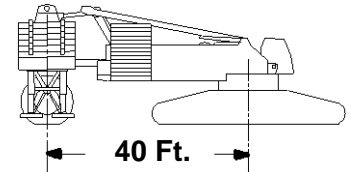


# Liftcrane Boom Capacities

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 860,000 Lb. Wheeled Counterweight  
 at 40 Ft. Position  
 360 Degree Rating

Meets  
**ANSI B30.5**  
 Requirements

**18000 With  
 21000 MAX-ER**



## 420 Ft. Boom

| Oper. Rad. Feet | Boom Ang. Deg. | Boom Point Elev. Feet | 464,000 Lb. Wheeled Counterweight Boom Capacity Pounds | 596,000 Lb. Wheeled Counterweight Boom Capacity Pounds | 772,000 Lb. Wheeled Counterweight Boom Capacity Pounds | 860,000 Lb. Wheeled Counterweight Boom Capacity Pounds | Oper. Rad. Feet |
|-----------------|----------------|-----------------------|--|--|--|--|-----------------|
| 65              | 82.5           | 427.1                 | 290,300*   | 290,300*   | 290,300*   | 290,300*   | 65              |
| 70              | 81.8           | 426.3                 | 290,300*   | 290,300*   | 290,300*   | 290,300*   | 70              |
| 75              | 81.1           | 425.5                 | 290,300*   | 290,300*   | 290,300*   | 290,300*   | 75              |
| 80              | 80.4           | 424.6                 | 290,300*   | 290,300*   | 290,300*   | 290,300*   | 80              |
| 85              | 79.7           | 423.7                 | 290,300*   | 290,300*   | 290,300*   | 290,300*   | 85              |
| 90              | 79.0           | 422.7                 | 290,300*   | 290,300*   | 290,300*   | 290,300*   | 90              |
| 95              | 78.3           | 421.6                 | 290,300*   | 290,300*   | 290,300*   | 290,300*   | 95              |
| 100             | 77.6           | 420.5                 | 290,300*   | 290,300*   | 290,300*   | 290,300*   | 100             |
| 105             | 76.9           | 419.3                 | 290,200*   | 290,200*   | 290,200*   | 290,200*   | 105             |
| 110             | 76.2           | 418.0                 | 289,500*   | 289,500*   | 289,500*   | 289,500*   | 110             |
| 115             | 75.5           | 416.7                 | 288,700*   | 288,700*   | 288,700*   | 288,700*   | 115             |
| 120             | 74.8           | 415.3                 | 287,400*   | 287,900*   | 287,900*   | 287,900*   | 120             |
| 125             | 74.1           | 413.9                 | 272,100*   | 287,000*   | 287,000*   | 287,000*   | 125             |
| 130             | 73.4           | 412.4                 | 258,000*   | 286,200*   | 286,200*   | 286,200*   | 130             |
| 135             | 72.6           | 410.8                 | 244,800*   | 272,100*   | 285,300*   | 285,300*   | 135             |
| 140             | 71.9           | 409.1                 | 232,600*   | 258,900*   | 284,400*   | 284,400*   | 140             |
| 145             | 71.2           | 407.4                 | 220,900*   | 246,700*   | 280,600*   | 283,400*   | 145             |
| 150             | 70.5           | 405.6                 | 210,000*   | 235,200*   | 268,000*   | 282,500*   | 150             |
| 155             | 69.7           | 403.7                 | 199,800*   | 224,400*   | 256,200*   | 272,100*   | 155             |
| 160             | 69.0           | 401.7                 | 190,200*   | 214,300*   | 245,100*   | 260,500*   | 160             |
| 170             | 67.5           | 397.6                 | 172,800*   | 195,900*   | 224,900*   | 239,400*   | 170             |
| 180             | 66.0           | 393.2                 | 157,300*   | 179,500*   | 206,900*   | 220,600*   | 180             |
| 190             | 64.5           | 388.5                 | 143,400*   | 164,800*   | 190,700*   | 203,700*   | 190             |
| 200             | 63.0           | 383.4                 | 130,900*   | 151,500*   | 176,200*   | 188,500*   | 200             |
| 210             | 61.5           | 378.0                 | 119,600*   | 139,400*   | 163,000*   | 174,700*   | 210             |
| 220             | 59.9           | 372.2                 | 108,500*   | 128,400*   | 150,900*   | 162,200*   | 220             |
| 230             | 58.3           | 366.0                 | 97,800*  | 118,200*   | 139,900*   | 150,700*   | 230             |
| 240             | 56.6           | 359.5                 | 88,000*  | 108,600*   | 129,800*   | 140,100*   | 240             |
| 250             | 55.0           | 352.5                 | 79,000*  | 98,800*  | 120,500*   | 130,400*   | 250             |
| 260             | 53.3           | 345.1                 | 70,600*  | 89,600*  | 111,900*   | 121,400*   | 260             |
| 270             | 51.6           | 337.2                 | 62,800*  | 81,200*  | 103,900*   | 109,900*   | 270             |
| 280             | 49.8           | 328.9                 | 55,600*  | 73,300*  | 94,800*  | 98,700*  | 280             |
| 290             | 47.9           | 319.9                 | 48,800*  | 65,900*  | 84,500*  | 88,200*  | 290             |
| 300             | 46.1           | 310.4                 | 42,500*  | 59,000*  | 75,000*  | 78,500*  | 300             |
| 310             | 44.1           | 300.1                 | 36,500*  | 52,500*  | 66,100*  | 69,400*  | 310             |
| 320             | 42.1           | 289.2                 | 30,600*  | 46,500*  | 57,700*  | 60,900*  | 320             |
| 330             | 40.0           | 277.4                 | 25,100*  | 40,700*  | 49,800*  | 52,900*  | 330             |
| 340             | 37.8           | 264.7                 | 19,900*  | 35,300*  | 42,300*  | 45,300*  | 340             |
| 350             | 35.4           | 250.9                 |  | 29,500*  | 35,300*  | 38,200*  | 350             |
| 360             | 33.0           | 235.9                 |  | 23,000*  | 28,500*  | 31,300*  | 360             |
| 370             | 30.3           | 219.2                 |  | 16,700*  | 22,000*  | 24,700*  | 370             |
| 380             | 27.4           | 200.6                 |  |  | 15,800*  | 18,400*  | 380             |

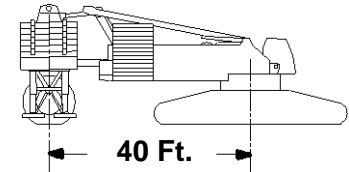


# Liftcrane Boom Capacities

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 860,000 Lb. Wheeled Counterweight  
 at 40 Ft. Position  
 360 Degree Rating

Meets  
**ANSI B30.5**  
 Requirements

## 18000 With 21000 MAX-ER



### 440 Ft. Boom

| Oper. Rad. Feet | Boom Ang. Deg. | Boom Point Elev. Feet | 596,000 Lb. Wheeled Counterweight Boom Capacity Pounds | 772,000 Lb. Wheeled Counterweight Boom Capacity Pounds | 860,000 Lb. Wheeled Counterweight Boom Capacity Pounds | Oper. Rad. Feet |
|-----------------|----------------|-----------------------|--|--|--|-----------------|
| 65              | 82.8           | 447.3                 | 258,500*   | 258,500*   | 258,500*   | 65              |
| 70              | 82.1           | 446.6                 | 258,500*   | 258,500*   | 258,500*   | 70              |
| 75              | 81.5           | 445.8                 | 258,500*   | 258,500*   | 258,500*   | 75              |
| 80              | 80.8           | 445.0                 | 258,500*   | 258,500*   | 258,500*   | 80              |
| 85              | 80.2           | 444.1                 | 258,500*   | 258,500*   | 258,500*   | 85              |
| 90              | 79.5           | 443.1                 | 258,500*   | 258,500*   | 258,500*   | 90              |
| 95              | 78.8           | 442.1                 | 258,500*   | 258,500*   | 258,500*   | 95              |
| 100             | 78.2           | 441.0                 | 258,500*   | 258,500*   | 258,500*   | 100             |
| 105             | 77.5           | 439.9                 | 258,500*   | 258,500*   | 258,500*   | 105             |
| 110             | 76.8           | 438.7                 | 257,900*   | 257,900*   | 257,900*   | 110             |
| 115             | 76.2           | 437.4                 | 257,200*   | 257,200*   | 257,200*   | 115             |
| 120             | 75.5           | 436.1                 | 256,500*   | 256,500*   | 256,500*   | 120             |
| 125             | 74.8           | 434.7                 | 255,700*   | 255,700*   | 255,700*   | 125             |
| 130             | 74.1           | 433.3                 | 255,000*   | 255,000*   | 255,000*   | 130             |
| 135             | 73.5           | 431.7                 | 254,200*   | 254,200*   | 254,200*   | 135             |
| 140             | 72.8           | 430.2                 | 253,400*   | 253,400*   | 253,400*   | 140             |
| 145             | 72.1           | 428.5                 | 243,400*   | 252,600*   | 252,600*   | 145             |
| 150             | 71.4           | 426.8                 | 231,900*   | 251,800*   | 251,800*   | 150             |
| 155             | 70.7           | 425.0                 | 221,200*   | 250,900*   | 250,900*   | 155             |
| 160             | 70.0           | 423.2                 | 211,100*   | 241,900*   | 250,100*   | 160             |
| 170             | 68.6           | 419.3                 | 192,700*   | 221,700*   | 236,200*   | 170             |
| 180             | 67.2           | 415.1                 | 176,300*   | 203,700*   | 217,400*   | 180             |
| 190             | 65.8           | 410.6                 | 161,500*   | 187,500*   | 200,500*   | 190             |
| 200             | 64.3           | 405.8                 | 148,300*   | 172,900*   | 185,300*   | 200             |
| 210             | 62.9           | 400.7                 | 136,200*   | 159,800*   | 171,500*   | 210             |
| 220             | 61.4           | 395.3                 | 125,300*   | 147,700*   | 159,000*   | 220             |
| 230             | 59.9           | 389.5                 | 115,100*   | 136,700*   | 147,500*   | 230             |
| 240             | 58.4           | 383.4                 | 104,400*   | 126,600*   | 136,900*   | 240             |
| 250             | 56.8           | 376.9                 | 94,500*  | 117,300*   | 127,200*   | 250             |
| 260             | 55.2           | 370.0                 | 85,400*  | 108,700*   | 118,200*   | 260             |
| 270             | 53.6           | 362.6                 | 77,000*  | 100,700*   | 109,700*   | 270             |
| 280             | 52.0           | 354.9                 | 69,100*  | 92,700*  | 98,300*  | 280             |
| 290             | 50.3           | 346.6                 | 61,700*  | 84,000*  | 87,800*  | 290             |
| 300             | 48.5           | 337.9                 | 54,900*  | 74,400*  | 78,000*  | 300             |
| 310             | 46.8           | 328.5                 | 48,400*  | 65,400*  | 68,800*  | 310             |
| 320             | 44.9           | 318.6                 | 42,300*  | 56,900*  | 60,200*  | 320             |
| 330             | 43.0           | 308.0                 | 36,600*  | 49,000*  | 52,200*  | 330             |
| 340             | 41.1           | 296.7                 | 31,200*  | 41,600*  | 44,600*  | 340             |
| 350             | 39.0           | 284.5                 | 26,100*  | 34,500*  | 37,500*  | 350             |
| 360             | 36.9           | 271.4                 | 21,200*  | 27,800*  | 30,700*  | 360             |
| 370             | 34.6           | 257.1                 | 16,000*  | 21,400*  | 24,200*  | 370             |
| 380             | 32.2           | 241.6                 |  | 15,300*  | 18,000*  | 380             |