



Liftcrane Boom Capacities

2250 SERIES 3

Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

Meets
ANSI B30.5
Requirements

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 (*).

Upper boom point capacity for liftcrane service with single part whip line is 30,000 Lbs. or 60,000 Lbs. with two part whip line. In all cases, upper boom point capacities cannot exceed those listed for main boom capacity.

250 Ft. thru 300 Ft. boom lengths require only the middle three sheaves to be used on lower boom point. All other sheaves must be removed from lower boom point.

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 gantry up. Refer to boom rigging No. 179809, Wire Rope Specification chart No. 8025-A, and Counterweight Arrangement chart No. 8026-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 Maximum Allowable Travel Specification chart No. 8027-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 30 Ft. 9 in. crawlers, 48 in. treads, 28 Ft. retractable gantry, 12 part boom hoist reeving, boom support straps, 249,200 Lb. crane counterweight, two 30,000 Lb. and four 15,000 Lb. carbody counterweights.

| Maximum Boom and Jib Lengths Lifted Unassisted Over Front, Side or Rear of Crawlers | |
|---|-------------|
| Boom Length | Jib No. 132 |
| 300 Ft. | --- |
| 290 Ft. | -- |
| 280 Ft. | -- |
| 270 Ft. | --- |
| 260 Ft. | 80 Ft. |
| 250 Ft. | 120 Ft. |

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

| Deduct From Capacities When Jib Is Attached | |
|---|-------------|
| Jib Length | Jib No. 132 |
| 40 Ft. | 6,400 Lbs. |
| 60 Ft. | 8,200 Lbs. |
| 80 Ft. | 10,300 Lbs. |
| 100 Ft. | 12,800 Lbs. |
| 120 Ft. | 15,300 Lbs. |

Consult jib chart for jib capacities. Upper boom point cannot be used when jib is attached.



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120,000 Lb. Carbody Counterweight
360 Degree Rating

Meets
ANSI B30.5
Requirements

| Oper. Rad. Feet | Boom Ang. Deg. | Boom Point Elev. Feet | Boom Capacity Pounds |
|--------------------|----------------|-----------------------|----------------------|
| 70 Ft. BOOM | | | |
| 18 | 82.9 | 77.1 | 600,000 * |
| 19 | 82.1 | 76.9 | 580,000 * |
| 20 | 81.3 | 76.8 | 560,000 * |
| 21 | 80.4 | 76.5 | 550,000 * |
| 22 | 79.6 | 76.3 | 541,500 * |
| 23 | 78.8 | 76.1 | 527,100 * |
| 24 | 77.9 | 75.8 | 506,300 * |
| 25 | 77.1 | 75.6 | 487,000 * |
| 26 | 76.2 | 75.3 | 469,100 * |
| 27 | 75.4 | 75.0 | 452,500 * |
| 28 | 74.5 | 74.7 | 436,900 * |
| 29 | 73.7 | 74.4 | 422,300 * |
| 30 | 72.8 | 74.0 | 408,700 * |
| 2 | 71.0 | 73.3 | 383,800 * |
| 34 | 69.3 | 72.4 | 361,600 * |
| 36 | 67.5 | 71.6 | 340,900 * |
| 38 | 65.7 | 70.6 | 315,400 * |
| 40 | 63.8 | 69.5 | 293,000 * |
| 42 | 61.9 | 68.4 | 273,200 * |
| 44 | 60.0 | 67.2 | 255,600 * |
| 46 | 58.1 | 65.9 | 239,800 * |
| 48 | 56.1 | 64.5 | 225,600 * |
| 50 | 54.0 | 62.9 | 212,600 * |
| 55 | 48.6 | 58.6 | 185,000 * |
| 60 | 42.6 | 53.2 | 160,400 * |
| 65 | 35.8 | 46.6 | 133,900 * |
| 70 | 27.4 | 37.6 | 110,200 * |
| 80 Ft. BOOM | | | |
| 20 | 82.4 | 86.9 | 526,400 * |
| 21 | 81.7 | 86.7 | 523,600 * |
| 22 | 80.9 | 86.5 | 521,000 * |
| 23 | 80.2 | 86.3 | 518,500 * |
| 24 | 79.5 | 86.1 | 505,700 * |
| 25 | 78.7 | 85.9 | 486,400 * |
| 26 | 78.0 | 85.6 | 468,500 * |
| 27 | 77.3 | 85.4 | 451,900 * |
| 28 | 76.5 | 85.1 | 436,300 * |
| 29 | 75.8 | 84.8 | 421,800 * |
| 30 | 75.0 | 84.5 | 408,400 * |
| 32 | 73.5 | 83.9 | 383,200 * |
| 34 | 72.0 | 83.2 | 361,100 * |
| 36 | 70.5 | 82.4 | 341,300 * |
| 38 | 68.9 | 81.6 | 323,400 * |
| 40 | 67.3 | 80.7 | 307,300 * |
| 42 | 65.8 | 79.8 | 280,400 * |
| 44 | 64.2 | 78.7 | 262,500 * |
| 46 | 62.5 | 77.6 | 246,300 * |
| 48 | 60.9 | 76.5 | 231,700 * |

| Oper. Rad. Feet | Boom Ang. Deg. | Boom Point Elev. Feet | Boom Capacity Pounds |
|---------------------|----------------|-----------------------|----------------------|
| 80 Ft. BOOM | | | |
| 50 | 59.2 | 75.2 | 218,600 * |
| 55 | 54.8 | 71.7 | 190,600 * |
| 60 | 50.2 | 67.6 | 167,800 * |
| 65 | 45.1 | 62.7 | 149,000 * |
| 70 | 39.6 | 56.8 | 131,600 * |
| 75 | 33.3 | 49.4 | 111,400 * |
| 80 | 25.4 | 39.7 | 92,700 * |
| 90 Ft. BOOM | | | |
| 21 | 82.6 | 96.9 | 498,600 * |
| 22 | 81.9 | 96.7 | 495,600 * |
| 23 | 81.3 | 96.5 | 492,600 * |
| 24 | 80.6 | 96.3 | 489,800 * |
| 25 | 80.0 | 96.1 | 486,000 * |
| 26 | 79.3 | 95.9 | 468,100 * |
| 27 | 78.7 | 95.7 | 451,500 * |
| 28 | 78.0 | 95.4 | 435,900 * |
| 29 | 77.4 | 95.2 | 421,400 * |
| 30 | 76.7 | 94.9 | 407,700 * |
| 32 | 75.4 | 94.4 | 382,900 * |
| 34 | 74.1 | 93.7 | 360,700 * |
| 36 | 72.7 | 93.1 | 340,900 * |
| 38 | 71.4 | 92.4 | 323,100 * |
| 40 | 70.0 | 91.6 | 304,200 * |
| 42 | 68.6 | 90.8 | 283,300 * |
| 44 | 67.2 | 89.9 | 264,900 * |
| 46 | 65.8 | 88.9 | 248,700 * |
| 48 | 64.4 | 87.9 | 234,200 * |
| 50 | 63.0 | 86.8 | 221,200 * |
| 55 | 59.3 | 83.9 | 194,000 * |
| 60 | 55.4 | 80.4 | 172,400 * |
| 65 | 51.3 | 76.5 | 153,500 * |
| 70 | 47.0 | 71.8 | 137,400 * |
| 75 | 42.3 | 66.5 | 123,600 * |
| 80 | 37.1 | 60.0 | 110,700 * |
| 85 | 31.2 | 52.1 | 94,600 * |
| 100 Ft. BOOM | | | |
| 22 | 82.8 | 106.8 | 475,300 * |
| 23 | 82.2 | 106.7 | 476,300 * |
| 24 | 81.6 | 106.5 | 473,400 * |
| 25 | 81.0 | 106.3 | 470,600 * |
| 26 | 80.4 | 106.1 | 467,400 * |
| 27 | 79.8 | 105.9 | 450,700 * |
| 28 | 79.3 | 105.7 | 435,200 * |
| 29 | 78.7 | 105.5 | 420,600 * |
| 30 | 78.1 | 105.2 | 407,000 * |
| 32 | 76.9 | 104.7 | 382,100 * |
| 34 | 75.7 | 104.2 | 360,000 * |
| 36 | 74.5 | 103.6 | 340,200 * |
| 38 | 73.3 | 103.0 | 322,400 * |
| 40 | 72.1 | 102.3 | 304,000 * |

| Oper. Rad. Feet | Boom Ang. Deg. | Boom Point Elev. Feet | Boom Capacity Pounds |
|---------------------|----------------|-----------------------|----------------------|
| 100 Ft. BOOM | | | |
| 42 | 70.9 | 101.5 | 283,100 |
| 44 | 69.7 | 100.8 | 264,700 |
| 46 | 68.4 | 99.9 | 248,400 |
| 48 | 67.2 | 99.0 | 234,000 |
| 50 | 65.9 | 98.1 | 221,000 |
| 55 | 62.7 | 95.5 | 193,700 |
| 60 | 59.3 | 92.5 | 172,100 |
| 65 | 55.9 | 89.2 | 154,400 |
| 70 | 52.3 | 85.3 | 139,800 |
| 75 | 48.5 | 80.9 | 126,700 * |
| 80 | 44.4 | 75.9 | 114,700 * |
| 85 | 40.0 | 70.0 | 104,100 * |
| 90 | 35.1 | 63.1 | 94,000 * |
| 95 | 29.5 | 54.7 | 80,900 * |
| 110 Ft. BOOM | | | |
| 23 | 82.9 | 116.8 | 374,400 * |
| 24 | 82.4 | 116.6 | 371,800 * |
| 25 | 81.8 | 116.5 | 369,400 * |
| 26 | 81.3 | 116.3 | 367,000 * |
| 27 | 80.8 | 116.1 | 364,700 * |
| 28 | 80.3 | 115.9 | 362,500 * |
| 29 | 79.7 | 115.7 | 360,300 * |
| 30 | 79.2 | 115.5 | 358,200 * |
| 32 | 78.1 | 115.0 | 354,300 * |
| 34 | 77.0 | 114.6 | 350,600 * |
| 36 | 76.0 | 114.0 | 339,800 * |
| 38 | 74.9 | 113.4 | 321,900 * |
| 40 | 73.8 | 112.8 | 303,900 |
| 42 | 72.7 | 112.2 | 282,900 |
| 44 | 71.6 | 111.5 | 264,500 |
| 46 | 70.5 | 110.7 | 248,300 |
| 48 | 69.4 | 109.9 | 233,800 |
| 50 | 68.2 | 109.1 | 220,800 |
| 55 | 65.4 | 106.8 | 193,500 |
| 60 | 62.4 | 104.2 | 171,800 |
| 65 | 59.4 | 101.2 | 154,200 |
| 70 | 56.3 | 97.9 | 139,500 |
| 75 | 53.0 | 94.1 | 127,200 |
| 80 | 49.6 | 89.9 | 116,600 |
| 85 | 46.0 | 85.1 | 106,900 * |
| 90 | 42.2 | 79.7 | 97,600 * |
| 95 | 38.0 | 73.4 | 89,200 * |
| 100 | 33.3 | 66.0 | 80,900 * |
| 105 | 28.0 | 57.1 | 70,000 * |



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Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

Meets
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Requirements

| Oper. Rad. Feet | Boom Ang. Deg. | Boom Point Elev. Feet | Boom Capacity Pounds |
|---------------------|----------------|-----------------------|----------------------|
| 120 Ft. BOOM | | | |
| 24 | 83.0 | 126.8 | 363,700 * |
| 25 | 82.5 | 126.6 | 361,400 * |
| 26 | 82.0 | 126.4 | 359,200 * |
| 27 | 81.6 | 126.3 | 357,000 * |
| 28 | 81.1 | 126.1 | 354,900 * |
| 29 | 80.6 | 125.9 | 352,900 * |
| 30 | 80.1 | 125.7 | 350,900 * |
| 32 | 79.1 | 125.3 | 347,200 * |
| 34 | 78.1 | 124.8 | 343,800 * |
| 36 | 77.2 | 124.4 | 339,000 * |
| 38 | 76.2 | 123.8 | 321,200 * |
| 40 | 75.2 | 123.3 | 303,600 * |
| 42 | 74.2 | 122.7 | 282,600 * |
| 44 | 73.2 | 122.0 | 264,200 * |
| 46 | 72.2 | 121.4 | 247,900 * |
| 48 | 71.2 | 120.6 | 233,400 * |
| 50 | 70.1 | 119.9 | 220,400 * |
| 55 | 67.6 | 117.8 | 193,100 * |
| 60 | 64.9 | 115.5 | 171,400 * |
| 65 | 62.2 | 112.8 | 153,800 * |
| 70 | 59.5 | 109.9 | 139,100 * |
| 75 | 56.6 | 106.6 | 126,700 * |
| 80 | 53.6 | 102.9 | 116,200 * |
| 85 | 50.6 | 98.8 | 107,000 * |
| 90 | 47.3 | 94.2 | 99,000 * |
| 95 | 43.9 | 89.1 | 91,000 * |
| 100 | 40.2 | 83.3 | 83,600 * |
| 105 | 36.2 | 76.6 | 76,800 * |
| 110 | 31.8 | 68.8 | 69,700 * |
| 115 | 26.7 | 59.3 | 60,500 * |
| 130 Ft. BOOM | | | |
| 26 | 82.7 | 136.6 | 350,700 * |
| 27 | 82.2 | 136.4 | 348,700 * |
| 28 | 81.8 | 136.2 | 346,700 * |
| 29 | 81.3 | 136.1 | 344,800 * |
| 30 | 80.9 | 135.9 | 343,000 * |
| 32 | 80.0 | 135.5 | 339,500 * |
| 34 | 79.1 | 135.1 | 336,200 * |
| 36 | 78.2 | 134.6 | 333,200 * |
| 38 | 77.3 | 134.2 | 316,900 * |
| 40 | 76.4 | 133.6 | 298,300 * |
| 42 | 75.4 | 133.1 | 281,800 * |
| 44 | 74.5 | 132.5 | 264,200 * |
| 46 | 73.6 | 131.9 | 247,900 * |
| 48 | 72.7 | 131.2 | 233,400 * |
| 50 | 71.7 | 130.5 | 220,400 * |

| Oper. Rad. Feet | Boom Ang. Deg. | Boom Point Elev. Feet | Boom Capacity Pounds |
|---------------------|----------------|-----------------------|----------------------|
| 130 Ft. BOOM | | | |
| 55 | 69.4 | 128.7 | 193,100 * |
| 60 | 67.0 | 126.5 | 171,400 * |
| 65 | 64.5 | 124.1 | 153,700 * |
| 70 | 62.1 | 121.5 | 139,000 * |
| 75 | 59.5 | 118.5 | 126,700 * |
| 80 | 56.9 | 115.3 | 116,100 * |
| 85 | 54.2 | 111.7 | 106,900 * |
| 90 | 51.3 | 107.7 | 99,000 * |
| 95 | 48.4 | 103.3 | 91,900 * |
| 100 | 45.3 | 98.4 | 85,600 * |
| 105 | 42.0 | 92.9 | 78,800 * |
| 110 | 38.5 | 86.7 | 72,700 * |
| 115 | 34.7 | 79.7 | 67,100 * |
| 120 | 30.5 | 71.5 | 61,100 * |
| 125 | 25.6 | 61.5 | 53,200 * |
| 140 Ft. BOOM | | | |
| 27 | 82.8 | 146.5 | 341,800 * |
| 28 | 82.4 | 146.4 | 340,000 * |
| 29 | 81.9 | 146.2 | 338,200 * |
| 30 | 81.5 | 146.0 | 336,400 * |
| 32 | 80.7 | 145.7 | 333,100 * |
| 34 | 79.9 | 145.3 | 330,100 * |
| 36 | 79.0 | 144.9 | 327,200 * |
| 38 | 78.2 | 144.4 | 310,400 * |
| 40 | 77.4 | 144.0 | 292,100 * |
| 42 | 76.5 | 143.5 | 276,000 * |
| 44 | 75.7 | 142.9 | 261,500 * |
| 46 | 74.8 | 142.3 | 247,500 * |
| 48 | 74.0 | 141.7 | 233,000 * |
| 50 | 73.1 | 141.1 | 220,000 * |
| 55 | 70.9 | 139.4 | 192,600 * |
| 60 | 68.7 | 137.4 | 170,900 * |
| 65 | 66.5 | 135.2 | 153,200 * |
| 70 | 64.2 | 132.8 | 138,500 * |
| 75 | 61.9 | 130.1 | 126,200 * |
| 80 | 59.5 | 127.2 | 115,600 * |
| 85 | 57.1 | 124.0 | 106,400 * |
| 90 | 54.6 | 120.4 | 98,400 * |
| 95 | 52.0 | 116.5 | 91,400 * |
| 100 | 49.3 | 112.2 | 85,100 * |
| 105 | 46.5 | 107.5 | 79,600 * |
| 110 | 43.5 | 102.3 | 73,700 * |
| 115 | 40.4 | 96.5 | 68,200 * |
| 120 | 37.0 | 90.0 | 63,100 * |
| 125 | 33.4 | 82.6 | 58,400 * |
| 130 | 29.3 | 74.0 | 53,100 * |

| Oper. Rad. Feet | Boom Ang. Deg. | Boom Point Elev. Feet | Boom Capacity Pounds |
|---------------------|----------------|-----------------------|----------------------|
| 150 Ft. BOOM | | | |
| 28 | 82.9 | 156.5 | 302,400 * |
| 29 | 82.5 | 156.3 | 300,500 * |
| 30 | 82.1 | 156.2 | 298,600 * |
| 32 | 81.3 | 155.8 | 295,000 * |
| 34 | 80.6 | 155.5 | 291,500 * |
| 36 | 79.8 | 155.1 | 288,300 * |
| 38 | 79.0 | 154.7 | 285,200 * |
| 40 | 78.2 | 154.2 | 282,300 * |
| 42 | 77.4 | 153.8 | 271,500 * |
| 44 | 76.6 | 153.3 | 257,200 * |
| 46 | 75.8 | 152.7 | 244,200 * |
| 48 | 75.1 | 152.2 | 232,500 * |
| 50 | 74.3 | 151.6 | 219,600 * |
| 55 | 72.3 | 150.0 | 192,200 * |
| 60 | 70.2 | 148.2 | 170,500 * |
| 65 | 68.2 | 146.2 | 152,800 * |
| 70 | 66.1 | 143.9 | 138,100 * |
| 75 | 63.9 | 141.5 | 125,700 * |
| 80 | 61.8 | 138.8 | 115,100 * |
| 85 | 59.6 | 135.9 | 106,000 * |
| 90 | 57.3 | 132.6 | 98,000 * |
| 95 | 55.0 | 129.1 | 91,000 * |
| 100 | 52.6 | 125.3 | 84,700 * |
| 105 | 50.1 | 121.2 | 79,100 * |
| 110 | 47.5 | 116.6 | 74,100 * |
| 115 | 44.8 | 111.6 | 69,100 * |
| 120 | 42.0 | 106.1 | 64,100 * |
| 125 | 38.9 | 100.0 | 59,400 * |
| 130 | 35.7 | 93.2 | 55,100 * |
| 135 | 32.2 | 85.4 | 51,000 * |
| 140 | 28.3 | 76.5 | 46,300 * |



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120,000 Lb. Carbody Counterweight
360 Degree Rating

Meets
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Requirements

| Oper. Rad. Feet | Boom Ang. Deg. | Boom Point Elev. Feet | Boom Capacity Pounds |
|---------------------|----------------|-----------------------|----------------------|
| 160 Ft. BOOM | | | |
| 29 | 83.0 | 166.4 | 292,100 * |
| 30 | 82.6 | 166.3 | 290,300 * |
| 32 | 81.9 | 166.0 | 287,100 * |
| 34 | 81.1 | 165.7 | 284,000 * |
| 36 | 80.4 | 165.3 | 281,100 * |
| 38 | 79.7 | 164.9 | 278,300 * |
| 40 | 79.0 | 164.5 | 275,700 * |
| 42 | 78.2 | 164.0 | 267,200 * |
| 44 | 77.5 | 163.6 | 253,000 * |
| 46 | 76.8 | 163.1 | 240,300 * |
| 48 | 76.0 | 162.6 | 228,700 * |
| 50 | 75.3 | 162.0 | 218,200 * |
| 55 | 73.4 | 160.5 | 191,700 |
| 60 | 71.5 | 158.8 | 170,000 |
| 65 | 69.6 | 157.0 | 152,300 |
| 70 | 67.7 | 154.9 | 137,600 |
| 75 | 65.7 | 152.6 | 125,200 |
| 80 | 63.7 | 150.2 | 114,600 |
| 85 | 61.7 | 147.5 | 105,400 |
| 90 | 59.6 | 144.5 | 97,400 |
| 95 | 57.5 | 141.3 | 90,400 |
| 100 | 55.3 | 137.9 | 84,100 |
| 105 | 53.1 | 134.1 | 78,500 |
| 110 | 50.7 | 130.1 | 73,500 |
| 115 | 48.4 | 125.6 | 69,000 |
| 120 | 45.9 | 120.8 | 64,600 * |
| 125 | 43.3 | 115.6 | 60,000 * |
| 130 | 40.5 | 109.8 | 55,700 * |
| 135 | 37.6 | 103.4 | 51,700 * |
| 140 | 34.5 | 96.2 | 47,900 * |
| 145 | 31.1 | 88.2 | 44,400 * |
| 150 | 27.3 | 78.8 | 40,100 * |

| Oper. Rad. Feet | Boom Ang. Deg. | Boom Point Elev. Feet | Boom Capacity Pounds |
|---------------------|----------------|-----------------------|----------------------|
| 170 Ft. BOOM | | | |
| 30 | 83.0 | 176.4 | 284,100 * |
| 32 | 82.4 | 176.1 | 281,100 * |
| 34 | 81.7 | 175.8 | 278,300 * |
| 36 | 81.0 | 175.5 | 275,600 * |
| 38 | 80.3 | 175.1 | 273,100 * |
| 40 | 79.6 | 174.7 | 270,700 * |
| 42 | 78.9 | 174.3 | 263,000 * |
| 44 | 78.2 | 173.8 | 249,000 * |
| 46 | 77.5 | 173.4 | 236,400 * |
| 48 | 76.9 | 172.9 | 225,000 * |
| 50 | 76.2 | 172.4 | 214,700 * |
| 55 | 74.4 | 171.0 | 191,600 |
| 60 | 72.6 | 169.4 | 169,800 |
| 65 | 70.9 | 167.6 | 152,100 |
| 70 | 69.1 | 165.7 | 137,400 |
| 75 | 67.2 | 163.6 | 125,000 |
| 80 | 65.4 | 161.3 | 114,500 |
| 85 | 63.5 | 158.8 | 105,300 |
| 90 | 61.6 | 156.1 | 97,300 |
| 95 | 59.6 | 153.2 | 90,300 |
| 100 | 57.6 | 150.0 | 84,000 |
| 105 | 55.6 | 146.6 | 78,400 |
| 110 | 53.5 | 142.9 | 73,400 |
| 115 | 51.3 | 138.9 | 68,800 |
| 120 | 49.1 | 134.6 | 64,700 |
| 125 | 46.8 | 129.9 | 60,900 |
| 130 | 44.4 | 124.9 | 56,700 * |
| 135 | 41.9 | 119.3 | 52,700 * |
| 140 | 39.2 | 113.3 | 49,100 * |
| 145 | 36.4 | 106.6 | 45,600 * |
| 150 | 33.4 | 99.2 | 42,400 * |
| 155 | 30.1 | 90.8 | 39,300 * |
| 160 | 26.5 | 81.1 | 35,500 * |

| Oper. Rad. Feet | Boom Ang. Deg. | Boom Point Elev. Feet | Boom Capacity Pounds |
|---------------------|----------------|-----------------------|----------------------|
| 180 Ft. BOOM | | | |
| 32 | 82.8 | 186.2 | 274,600 * |
| 34 | 82.1 | 185.9 | 272,100 * |
| 36 | 81.5 | 185.6 | 269,700 * |
| 38 | 80.9 | 185.3 | 267,400 * |
| 40 | 80.2 | 184.9 | 265,200 * |
| 42 | 79.6 | 184.5 | 258,200 * |
| 44 | 78.9 | 184.1 | 244,600 * |
| 46 | 78.3 | 183.6 | 232,200 * |
| 48 | 77.6 | 183.2 | 221,000 * |
| 50 | 76.9 | 182.7 | 210,700 * |
| 55 | 75.3 | 181.4 | 188,900 * |
| 60 | 73.6 | 179.9 | 169,300 |
| 65 | 72.0 | 178.3 | 151,600 |
| 70 | 70.3 | 176.5 | 136,900 |
| 75 | 68.6 | 174.5 | 124,500 |
| 80 | 66.8 | 172.3 | 113,900 |
| 85 | 65.1 | 170.0 | 104,700 |
| 90 | 63.3 | 167.5 | 96,700 |
| 95 | 61.5 | 164.8 | 89,700 |
| 100 | 59.6 | 161.8 | 83,400 |
| 105 | 57.8 | 158.7 | 77,800 |
| 110 | 55.8 | 155.3 | 72,800 |
| 115 | 53.9 | 151.7 | 68,300 |
| 120 | 51.8 | 147.7 | 64,100 |
| 125 | 49.8 | 143.5 | 60,300 |
| 130 | 47.6 | 139.0 | 56,900 |
| 135 | 45.4 | 134.1 | 52,900 * |
| 140 | 43.1 | 128.8 | 49,300 * |
| 145 | 40.6 | 123.0 | 45,800 * |
| 150 | 38.1 | 116.7 | 42,600 * |
| 155 | 35.4 | 109.8 | 39,600 * |
| 160 | 32.4 | 102.1 | 36,800 * |
| 165 | 29.2 | 93.4 | 34,100 * |
| 170 | 25.7 | 83.3 | 30,500 * |



Liftcrane Boom Capacities

2250 SERIES 3

Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

Meets
ANSI B30.5
Requirements

| Oper. Rad. Feet | Boom Ang. Deg. | Boom Point Elev. Feet | Boom Capacity Pounds |
|---------------------|----------------|-----------------------|----------------------|
| 190 Ft. BOOM | | | |
| 34 | 82.6 | 196.0 | 241,300 * |
| 36 | 81.9 | 195.7 | 238,800 * |
| 38 | 81.3 | 195.4 | 236,500 * |
| 40 | 80.7 | 195.1 | 234,200 * |
| 42 | 80.1 | 194.7 | 232,000 * |
| 44 | 79.5 | 194.3 | 229,900 * |
| 46 | 78.9 | 193.9 | 227,200 * |
| 48 | 78.3 | 193.4 | 218,000 * |
| 50 | 77.6 | 193.0 | 207,800 * |
| 55 | 76.1 | 191.7 | 186,000 * |
| 60 | 74.5 | 190.3 | 168,300 * |
| 65 | 72.9 | 188.8 | 151,100 |
| 70 | 71.4 | 187.1 | 136,400 |
| 75 | 69.7 | 185.3 | 124,000 |
| 80 | 68.1 | 183.2 | 113,400 |
| 85 | 66.5 | 181.1 | 104,200 |
| 90 | 64.8 | 178.7 | 96,200 |
| 95 | 63.1 | 176.2 | 89,200 |
| 100 | 61.4 | 173.4 | 82,900 |
| 105 | 59.7 | 170.5 | 77,300 |
| 110 | 57.9 | 167.4 | 72,300 |
| 115 | 56.1 | 164.0 | 67,700 |
| 120 | 54.2 | 160.4 | 63,600 |
| 125 | 52.3 | 156.6 | 59,800 |
| 130 | 50.3 | 152.4 | 56,400 |
| 135 | 48.3 | 148.0 | 53,200 |
| 140 | 46.2 | 143.2 | 49,500 * |
| 145 | 44.1 | 138.1 | 46,100 * |
| 150 | 41.8 | 132.6 | 42,900 * |
| 155 | 39.5 | 126.6 | 39,900 * |
| 160 | 37.0 | 120.0 | 37,100 * |
| 165 | 34.4 | 112.8 | 34,500 * |
| 170 | 31.5 | 104.8 | 31,900 * |
| 175 | 28.4 | 95.8 | 29,500 * |

| Oper. Rad. Feet | Boom Ang. Deg. | Boom Point Elev. Feet | Boom Capacity Pounds |
|---------------------|----------------|-----------------------|----------------------|
| 200 Ft. BOOM | | | |
| 34 | 82.9 | 206.1 | 233,400 * |
| 36 | 82.4 | 205.8 | 231,200 * |
| 38 | 81.8 | 205.5 | 229,100 * |
| 40 | 81.2 | 205.2 | 227,100 * |
| 42 | 80.6 | 204.8 | 225,200 * |
| 44 | 80.0 | 204.5 | 223,200 * |
| 46 | 79.4 | 204.1 | 218,200 * |
| 48 | 78.9 | 203.7 | 213,400 * |
| 50 | 78.3 | 203.2 | 205,200 * |
| 55 | 76.8 | 202.1 | 183,500 * |
| 60 | 75.3 | 200.7 | 165,800 * |
| 65 | 73.8 | 199.3 | 150,600 |
| 70 | 72.3 | 197.7 | 135,900 |
| 75 | 70.8 | 195.9 | 123,400 |
| 80 | 69.3 | 194.0 | 112,800 |
| 85 | 67.7 | 192.0 | 103,600 |
| 90 | 66.2 | 189.8 | 95,600 |
| 95 | 64.6 | 187.4 | 88,600 |
| 100 | 63.0 | 184.8 | 82,300 |
| 105 | 61.3 | 182.1 | 76,700 |
| 110 | 59.7 | 179.2 | 71,700 |
| 115 | 58.0 | 176.0 | 67,100 |
| 120 | 56.3 | 172.7 | 63,000 |
| 125 | 54.5 | 169.1 | 59,200 |
| 130 | 52.7 | 165.3 | 55,800 |
| 135 | 50.9 | 161.3 | 52,600 |
| 140 | 49.0 | 157.0 | 49,500 * |
| 145 | 47.0 | 152.3 | 46,100 * |
| 150 | 45.0 | 147.3 | 42,900 * |
| 155 | 42.9 | 142.0 | 39,900 * |
| 160 | 40.7 | 136.2 | 37,100 * |
| 165 | 38.4 | 130.0 | 34,500 * |
| 170 | 36.0 | 123.2 | 32,000 * |
| 175 | 33.4 | 115.8 | 29,700 * |
| 180 | 30.7 | 107.5 | 27,400 * |
| 185 | 27.7 | 98.3 | 25,200 * |

| Oper. Rad. Feet | Boom Ang. Deg. | Boom Point Elev. Feet | Boom Capacity Pounds |
|---------------------|----------------|-----------------------|----------------------|
| 210 Ft. BOOM | | | |
| 36 | 82.7 | 215.9 | 225,300 * |
| 38 | 82.2 | 215.6 | 223,500 * |
| 40 | 81.6 | 215.3 | 221,700 * |
| 42 | 81.1 | 215.0 | 219,300 * |
| 44 | 80.5 | 214.6 | 214,300 * |
| 46 | 80.0 | 214.3 | 209,400 * |
| 48 | 79.4 | 213.9 | 204,700 * |
| 50 | 78.8 | 213.5 | 200,100 * |
| 55 | 77.4 | 212.3 | 180,800 * |
| 60 | 76.0 | 211.1 | 163,300 * |
| 65 | 74.6 | 209.7 | 148,700 * |
| 70 | 73.2 | 208.2 | 135,600 |
| 75 | 71.8 | 206.5 | 123,200 |
| 80 | 70.3 | 204.7 | 112,600 |
| 85 | 68.8 | 202.8 | 103,400 |
| 90 | 67.4 | 200.7 | 95,400 |
| 95 | 65.9 | 198.5 | 88,300 |
| 100 | 64.4 | 196.1 | 82,000 |
| 105 | 62.8 | 193.5 | 76,400 |
| 110 | 61.3 | 190.8 | 71,400 |
| 115 | 59.7 | 187.8 | 66,900 |
| 120 | 58.1 | 184.7 | 62,700 |
| 125 | 56.4 | 181.4 | 59,000 |
| 130 | 54.8 | 177.9 | 55,500 |
| 135 | 53.1 | 174.1 | 52,300 |
| 140 | 51.3 | 170.1 | 49,400 |
| 145 | 49.5 | 165.9 | 46,500 * |
| 150 | 47.7 | 161.4 | 43,400 * |
| 155 | 45.8 | 156.5 | 40,400 * |
| 160 | 43.8 | 151.3 | 37,600 * |
| 165 | 41.8 | 145.8 | 35,000 * |
| 170 | 39.7 | 139.8 | 32,500 * |
| 175 | 37.4 | 133.4 | 30,200 * |
| 180 | 35.1 | 126.4 | 27,900 * |
| 185 | 32.6 | 118.7 | 25,800 * |
| 190 | 29.9 | 110.2 | 23,900 * |
| 195 | 27.0 | 100.6 | 22,000 * |



Liftcrane Boom Capacities

2250 SERIES 3

Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

Meets
ANSI B30.5
Requirements

| Oper. Rad. Feet | Boom Ang. Deg. | Boom Point Elev. Feet | Boom Capacity Pounds |
|---------------------|----------------|-----------------------|----------------------|
| 220 Ft. BOOM | | | |
| 38 | 82.5 | 225.8 | 217,300 * |
| 40 | 82.0 | 225.5 | 214,800 * |
| 42 | 81.5 | 225.1 | 209,800 * |
| 44 | 80.9 | 224.8 | 205,000 * |
| 46 | 80.4 | 224.4 | 200,200 * |
| 48 | 79.9 | 224.1 | 195,600 * |
| 50 | 79.4 | 223.7 | 191,200 * |
| 55 | 78.0 | 222.6 | 177,800 * |
| 60 | 76.7 | 221.4 | 160,500 * |
| 65 | 75.3 | 220.1 | 146,000 * |
| 70 | 74.0 | 218.7 | 133,800 * |
| 75 | 72.6 | 217.1 | 122,600 |
| 80 | 71.2 | 215.4 | 112,000 |
| 85 | 69.9 | 213.5 | 102,800 |
| 90 | 68.5 | 211.6 | 94,800 |
| 95 | 67.0 | 209.4 | 87,700 |
| 100 | 65.6 | 207.2 | 81,500 |
| 105 | 64.2 | 204.7 | 75,800 |
| 110 | 62.7 | 202.2 | 70,800 |
| 115 | 61.2 | 199.4 | 66,300 |
| 120 | 59.7 | 196.5 | 62,100 |
| 125 | 58.2 | 193.4 | 58,300 |
| 130 | 56.6 | 190.1 | 54,900 |
| 135 | 55.0 | 186.6 | 51,700 |
| 140 | 53.4 | 182.9 | 48,800 |
| 145 | 51.7 | 179.0 | 46,100 |
| 150 | 50.1 | 174.8 | 43,200 * |
| 155 | 48.3 | 170.4 | 40,200 * |
| 160 | 46.5 | 165.6 | 37,400 * |
| 165 | 44.7 | 160.6 | 34,800 * |
| 170 | 42.8 | 155.2 | 32,300 * |
| 175 | 40.8 | 149.5 | 30,000 * |
| 180 | 38.7 | 143.3 | 27,800 * |
| 185 | 36.5 | 136.6 | 25,700 * |
| 190 | 34.2 | 129.4 | 23,700 * |
| 195 | 31.8 | 121.5 | 21,800 * |
| 200 | 29.2 | 112.7 | 20,000 * |
| 205 | 26.3 | 102.9 | 18,300 * |

| Oper. Rad. Feet | Boom Ang. Deg. | Boom Point Elev. Feet | Boom Capacity Pounds |
|---------------------|----------------|-----------------------|----------------------|
| 230 Ft. BOOM | | | |
| 38 | 82.9 | 235.9 | 193,200 * |
| 40 | 82.4 | 235.6 | 191,600 * |
| 42 | 81.8 | 235.3 | 190,000 * |
| 44 | 81.3 | 234.9 | 188,500 * |
| 46 | 80.8 | 234.6 | 187,100 * |
| 48 | 80.3 | 234.2 | 183,900 * |
| 50 | 79.8 | 233.9 | 180,200 * |
| 55 | 78.6 | 232.9 | 170,900 * |
| 60 | 77.3 | 231.7 | 158,500 * |
| 65 | 76.0 | 230.5 | 144,100 * |
| 70 | 74.7 | 229.1 | 131,900 * |
| 75 | 73.4 | 227.6 | 121,500 * |
| 80 | 72.1 | 226.0 | 111,500 |
| 85 | 70.8 | 224.2 | 102,300 |
| 90 | 69.4 | 222.3 | 94,300 |
| 95 | 68.1 | 220.3 | 87,200 |
| 100 | 66.7 | 218.2 | 80,900 |
| 105 | 65.4 | 215.9 | 75,300 |
| 110 | 64.0 | 213.4 | 70,300 |
| 115 | 62.6 | 210.8 | 65,700 |
| 120 | 61.2 | 208.1 | 61,600 |
| 125 | 59.7 | 205.1 | 57,800 |
| 130 | 58.3 | 202.1 | 54,300 |
| 135 | 56.8 | 198.8 | 51,200 |
| 140 | 55.2 | 195.3 | 48,200 |
| 145 | 53.7 | 191.7 | 45,500 |
| 150 | 52.1 | 187.8 | 43,000 |
| 155 | 50.5 | 183.7 | 40,100 * |
| 160 | 48.9 | 179.3 | 37,300 * |
| 165 | 47.2 | 174.7 | 34,700 * |
| 170 | 45.4 | 169.8 | 32,200 * |
| 175 | 43.6 | 164.6 | 29,900 * |
| 180 | 41.8 | 159.0 | 27,700 * |
| 185 | 39.8 | 153.1 | 25,600 * |
| 190 | 37.8 | 146.7 | 23,700 * |
| 195 | 35.7 | 139.8 | 21,800 * |
| 200 | 33.5 | 132.4 | 20,000 * |
| 205 | 31.1 | 124.2 | 18,300 * |
| 210 | 28.5 | 115.2 | 16,700 * |
| 215 | 25.7 | 105.1 | 15,100 * |

| Oper. Rad. Feet | Boom Ang. Deg. | Boom Point Elev. Feet | Boom Capacity Pounds |
|---------------------|----------------|-----------------------|----------------------|
| 240 Ft. BOOM | | | |
| 40 | 82.7 | 245.7 | 185,800 * |
| 42 | 82.2 | 245.4 | 184,400 * |
| 44 | 81.7 | 245.1 | 181,900 * |
| 46 | 81.2 | 244.7 | 178,400 * |
| 48 | 80.7 | 244.4 | 174,900 * |
| 50 | 80.3 | 244.0 | 171,300 * |
| 55 | 79.0 | 243.1 | 162,500 * |
| 60 | 77.8 | 242.0 | 153,900 * |
| 65 | 76.6 | 240.8 | 141,600 * |
| 70 | 75.4 | 239.5 | 129,500 * |
| 75 | 74.1 | 238.0 | 119,100 * |
| 80 | 72.9 | 236.5 | 110,200 * |
| 85 | 71.6 | 234.8 | 101,700 |
| 90 | 70.3 | 233.0 | 93,700 |
| 95 | 69.1 | 231.1 | 86,600 |
| 100 | 67.8 | 229.1 | 80,300 |
| 105 | 66.5 | 226.9 | 74,700 |
| 110 | 65.2 | 224.6 | 69,600 |
| 115 | 63.8 | 222.1 | 65,100 |
| 120 | 62.5 | 219.5 | 60,900 |
| 125 | 61.1 | 216.7 | 57,200 |
| 130 | 59.7 | 213.8 | 53,700 |
| 135 | 58.3 | 210.7 | 50,500 |
| 140 | 56.9 | 207.5 | 47,600 |
| 145 | 55.5 | 204.0 | 44,900 |
| 150 | 54.0 | 200.4 | 42,300 |
| 155 | 52.5 | 196.6 | 39,800 * |
| 160 | 50.9 | 192.5 | 37,000 * |
| 165 | 49.4 | 188.2 | 34,400 * |
| 170 | 47.8 | 183.7 | 31,900 * |
| 175 | 46.1 | 178.9 | 29,600 * |
| 180 | 44.4 | 173.9 | 27,400 * |
| 185 | 42.6 | 168.5 | 25,300 * |
| 190 | 40.8 | 162.7 | 23,400 * |
| 195 | 38.9 | 156.6 | 21,500 * |
| 200 | 37.0 | 150.0 | 19,700 * |
| 205 | 34.9 | 142.9 | 18,000 * |
| 210 | 32.7 | 135.3 | 16,400 * |
| 215 | 30.4 | 126.9 | 14,800 * |
| 220 | 27.9 | 117.7 | 13,300 * |
| 225 | 25.1 | 107.3 | 11,900 * |



Liftcrane Boom Capacities

2250 SERIES 3

Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

Meets
ANSI B30.5
Requirements

| Oper. Rad. Feet | Boom Ang. Deg. | Boom Point Elev. Feet | Boom Capacity Pounds |
|---------------------|----------------|-----------------------|----------------------|
| 250 Ft. BOOM | | | |
| 40 | 83.0 | 255.8 | 179,100 * |
| 42 | 82.5 | 255.5 | 177,900 * |
| 44 | 82.0 | 255.2 | 174,900 * |
| 46 | 81.6 | 254.9 | 171,600 * |
| 48 | 81.1 | 254.6 | 168,200 * |
| 50 | 80.6 | 254.2 | 164,900 * |
| 55 | 79.5 | 253.3 | 156,500 * |
| 60 | 78.3 | 252.2 | 148,300 * |
| 65 | 77.1 | 251.1 | 140,300 * |
| 70 | 76.0 | 249.8 | 129,700 * |
| 75 | 74.8 | 248.5 | 119,300 * |
| 80 | 73.6 | 247.0 | 110,400 * |
| 85 | 72.4 | 245.4 | 102,500 |
| 90 | 71.2 | 243.7 | 94,400 |
| 95 | 69.9 | 241.8 | 87,400 |
| 100 | 68.7 | 239.9 | 81,100 |
| 105 | 67.5 | 237.8 | 75,500 |
| 110 | 66.2 | 235.6 | 70,400 |
| 115 | 64.9 | 233.3 | 65,900 |
| 120 | 63.7 | 230.8 | 61,700 |
| 125 | 62.4 | 228.2 | 58,000 |
| 130 | 61.1 | 225.4 | 54,500 |
| 135 | 59.7 | 222.5 | 51,300 |
| 140 | 58.4 | 219.4 | 48,400 |
| 145 | 57.0 | 216.2 | 45,700 |
| 150 | 55.6 | 212.7 | 43,100 |
| 155 | 54.2 | 209.1 | 40,800 |
| 160 | 52.8 | 205.4 | 38,600 |
| 165 | 51.3 | 201.4 | 36,400 * |
| 170 | 49.8 | 197.2 | 33,600 * |
| 175 | 48.3 | 192.7 | 31,200 * |
| 180 | 46.7 | 188.0 | 29,100 * |
| 185 | 45.1 | 183.1 | 27,000 * |
| 190 | 43.4 | 177.8 | 25,000 * |
| 195 | 41.7 | 172.2 | 23,200 * |
| 200 | 40.0 | 166.3 | 21,400 * |
| 205 | 38.1 | 160.0 | 19,700 * |
| 210 | 36.2 | 153.2 | 18,100 * |
| 215 | 34.2 | 146.0 | 16,600 * |
| 220 | 32.0 | 138.1 | 15,200 * |
| 225 | 29.7 | 129.5 | 13,800 * |
| 230 | 27.3 | 120.1 | 12,400 * |

| Oper. Rad. Feet | Boom Ang. Deg. | Boom Point Elev. Feet | Boom Capacity Pounds |
|---------------------|----------------|-----------------------|----------------------|
| 260 Ft. BOOM | | | |
| 42 | 82.8 | 265.6 | 169,400 * |
| 44 | 82.4 | 265.3 | 166,100 * |
| 46 | 81.9 | 265.0 | 162,800 * |
| 48 | 81.5 | 264.7 | 159,700 * |
| 50 | 81.0 | 264.4 | 156,500 * |
| 55 | 79.9 | 263.5 | 148,500 * |
| 60 | 78.8 | 262.5 | 140,700 * |
| 65 | 77.6 | 261.4 | 133,100 * |
| 70 | 76.5 | 260.1 | 125,900 * |
| 75 | 75.4 | 258.8 | 117,200 * |
| 80 | 74.2 | 257.4 | 108,300 * |
| 85 | 73.1 | 255.9 | 100,500 * |
| 90 | 71.9 | 254.2 | 93,600 * |
| 95 | 70.7 | 252.5 | 86,800 |
| 100 | 69.6 | 250.6 | 80,500 |
| 105 | 68.4 | 248.6 | 74,900 |
| 110 | 67.2 | 246.5 | 69,800 |
| 115 | 66.0 | 244.3 | 65,300 |
| 120 | 64.8 | 241.9 | 61,100 |
| 125 | 63.5 | 239.4 | 57,300 |
| 130 | 62.3 | 236.8 | 53,900 |
| 135 | 61.0 | 234.0 | 50,700 |
| 140 | 59.8 | 231.1 | 47,800 |
| 145 | 58.5 | 228.1 | 45,000 |
| 150 | 57.1 | 224.8 | 42,500 |
| 155 | 55.8 | 221.4 | 40,200 |
| 160 | 54.5 | 217.9 | 38,000 |
| 165 | 53.1 | 214.1 | 35,600 * |
| 170 | 51.7 | 210.2 | 33,200 * |
| 175 | 50.2 | 206.0 | 30,800 * |
| 180 | 48.8 | 201.7 | 28,600 * |
| 185 | 47.3 | 197.1 | 26,600 * |
| 190 | 45.8 | 192.2 | 24,600 * |
| 195 | 44.2 | 187.1 | 22,800 * |
| 200 | 42.6 | 181.7 | 21,000 * |
| 205 | 40.9 | 176.0 | 19,300 * |
| 210 | 39.1 | 169.9 | 17,700 * |
| 215 | 37.3 | 163.4 | 16,200 * |
| 220 | 35.4 | 156.4 | 14,700 * |
| 225 | 33.5 | 149.0 | 13,400 * |
| 230 | 31.4 | 140.9 | 12,000 * |
| 235 | 29.1 | 132.1 | 10,800 * |
| 240 | 26.7 | 122.4 | 9,500 * |

| Oper. Rad. Feet | Boom Ang. Deg. | Boom Point Elev. Feet | Boom Capacity Pounds |
|---------------------|----------------|-----------------------|----------------------|
| 270 Ft. BOOM | | | |
| 44 | 82.6 | 275.4 | 153,900 * |
| 46 | 82.2 | 275.1 | 151,800 * |
| 48 | 81.8 | 274.8 | 148,900 * |
| 50 | 81.3 | 274.5 | 146,100 * |
| 55 | 80.3 | 273.6 | 139,000 * |
| 60 | 79.2 | 272.7 | 131,900 * |
| 65 | 78.1 | 271.6 | 125,000 * |
| 70 | 77.0 | 270.4 | 118,300 * |
| 75 | 75.9 | 269.2 | 111,900 * |
| 80 | 74.8 | 267.8 | 105,800 * |
| 85 | 73.7 | 266.4 | 98,600 * |
| 90 | 72.6 | 264.8 | 91,700 * |
| 95 | 71.5 | 263.1 | 85,600 * |
| 100 | 70.4 | 261.3 | 79,900 |
| 105 | 69.2 | 259.4 | 74,300 |
| 110 | 68.1 | 257.4 | 69,300 |
| 115 | 66.9 | 255.3 | 64,700 |
| 120 | 65.8 | 253.0 | 60,500 |
| 125 | 64.6 | 250.6 | 56,800 |
| 130 | 63.4 | 248.1 | 53,300 |
| 135 | 62.2 | 245.5 | 50,100 |
| 140 | 61.0 | 242.7 | 47,200 |
| 145 | 59.8 | 239.8 | 44,500 |
| 150 | 58.5 | 236.7 | 41,900 |
| 155 | 57.3 | 233.5 | 39,600 |
| 160 | 56.0 | 230.1 | 37,400 |
| 165 | 54.7 | 226.6 | 35,300 |
| 170 | 53.4 | 222.9 | 32,800 * |
| 175 | 52.0 | 219.0 | 30,500 * |
| 180 | 50.6 | 214.9 | 28,300 * |
| 185 | 49.2 | 210.6 | 26,200 * |
| 190 | 47.8 | 206.1 | 24,300 * |
| 195 | 46.3 | 201.3 | 22,400 * |
| 200 | 44.8 | 196.3 | 20,700 * |
| 205 | 43.3 | 191.1 | 19,000 * |
| 210 | 41.7 | 185.5 | 17,400 * |
| 215 | 40.1 | 179.6 | 15,900 * |
| 220 | 38.4 | 173.3 | 14,400 * |
| 225 | 36.6 | 166.6 | 13,000 * |
| 230 | 34.8 | 159.5 | 11,700 * |
| 235 | 32.8 | 151.9 | 10,400 * |
| 240 | 30.8 | 143.6 | 9,200 * |
| 245 | 28.6 | 134.6 | 8,100 * |
| 250 | 26.2 | 124.7 | 6,400 * |

NOTICE: This capacity chart is for reference use only and must not be used for a specific lift without a lift plan.



Liftcrane Boom Capacities

2250 SERIES 3

Boom No. 44 With Heavy Lift Top
249,200 Lb. Crane Counterweight
120,000 Lb. Carbody Counterweight
360 Degree Rating

Meets
ANSI B30.5
Requirements

| Oper. Rad. Feet | Boom Ang. Deg. | Boom Point Elev. Feet | Boom Capacity Pounds |
|---------------------|----------------|-----------------------|----------------------|
| 280 Ft. BOOM | | | |
| 44 | 82.9 | 285.5 | 142,700 * |
| 46 | 82.5 | 285.2 | 142,000 * |
| 48 | 82.1 | 284.9 | 141,300 * |
| 50 | 81.7 | 284.6 | 138,600 * |
| 55 | 80.6 | 283.8 | 130,900 * |
| 60 | 79.6 | 282.9 | 129,100 * |
| 65 | 78.5 | 281.8 | 127,700 * |
| 70 | 77.5 | 280.7 | 125,000 * |
| 75 | 76.4 | 279.5 | 114,700 * |
| 80 | 75.4 | 278.2 | 105,800 * |
| 85 | 74.3 | 276.8 | 98,000 * |
| 90 | 73.2 | 275.3 | 91,100 * |
| 95 | 72.2 | 273.7 | 84,900 * |
| 0 | 71.1 | 271.9 | 79,500 * |
| 5 | 70.0 | 270.1 | 74,300 * |
| 10 | 68.9 | 268.2 | 69,200 * |
| 15 | 67.8 | 266.1 | 64,600 * |
| 20 | 66.7 | 264.0 | 60,500 * |
| 25 | 65.6 | 261.7 | 56,700 * |
| 30 | 64.4 | 259.3 | 53,200 * |
| 35 | 63.3 | 256.8 | 50,000 * |
| 40 | 62.1 | 254.1 | 47,100 * |
| 45 | 61.0 | 251.4 | 44,300 * |
| 50 | 59.8 | 248.5 | 41,500 * |
| 55 | 58.6 | 245.4 | 38,500 * |
| 60 | 57.4 | 242.2 | 35,800 * |
| 65 | 56.1 | 238.8 | 33,200 * |
| 70 | 54.9 | 235.3 | 30,800 * |
| 75 | 53.6 | 231.6 | 28,500 * |
| 80 | 52.3 | 227.8 | 26,400 * |
| 85 | 51.0 | 223.7 | 24,400 * |
| 90 | 49.7 | 219.5 | 22,500 * |
| 95 | 48.3 | 215.1 | 20,700 * |
| 200 | 46.9 | 210.4 | 19,000 * |
| 205 | 45.5 | 205.5 | 17,400 * |
| 210 | 44.0 | 200.3 | 15,900 * |
| 215 | 42.5 | 194.9 | 14,400 * |
| 220 | 40.9 | 189.2 | 13,000 * |
| 225 | 39.3 | 183.1 | 11,700 * |
| 230 | 37.6 | 176.7 | 10,400 * |
| 235 | 35.9 | 169.9 | 9,200 * |
| 240 | 34.1 | 162.6 | 8,000 * |
| 245 | 32.2 | 154.7 | 6,900 * |
| 250 | 30.2 | 146.3 | 5,800 * |
| 255 | 28.0 | 137.1 | 4,700 * |

| Oper. Rad. Feet | Boom Ang. Deg. | Boom Point Elev. Feet | Boom Capacity Pounds |
|---------------------|----------------|-----------------------|----------------------|
| 290 Ft. BOOM | | | |
| 46 | 82.7 | 295.3 | 132,000 * |
| 48 | 82.3 | 295.0 | 131,400 * |
| 50 | 81.9 | 294.7 | 130,800 * |
| 55 | 80.9 | 293.9 | 129,600 * |
| 60 | 79.9 | 293.0 | 127,400 * |
| 65 | 78.9 | 292.1 | 124,000 * |
| 70 | 77.9 | 291.0 | 120,000 * |
| 75 | 76.9 | 289.8 | 113,300 * |
| 80 | 75.9 | 288.6 | 104,400 * |
| 85 | 74.9 | 287.2 | 96,700 * |
| 90 | 73.8 | 285.7 | 89,800 * |
| 95 | 72.8 | 284.2 | 83,800 * |
| 100 | 71.8 | 282.5 | 78,300 * |
| 105 | 70.7 | 280.8 | 73,400 * |
| 110 | 69.7 | 278.9 | 68,900 * |
| 115 | 68.6 | 277.0 | 64,400 * |
| 120 | 67.5 | 274.9 | 60,300 * |
| 125 | 66.5 | 272.7 | 56,500 * |
| 130 | 65.4 | 270.4 | 53,000 * |
| 135 | 64.3 | 268.0 | 49,800 * |
| 140 | 63.2 | 265.5 | 46,900 * |
| 145 | 62.0 | 262.8 | 44,100 * |
| 150 | 60.9 | 260.0 | 41,300 * |
| 155 | 59.8 | 257.1 | 38,300 * |
| 160 | 58.6 | 254.1 | 35,600 * |
| 165 | 57.4 | 250.9 | 33,000 * |
| 170 | 56.3 | 247.5 | 30,600 * |
| 175 | 55.1 | 244.0 | 28,300 * |
| 180 | 53.8 | 240.4 | 26,200 * |
| 185 | 52.6 | 236.6 | 24,200 * |
| 190 | 51.3 | 232.6 | 22,300 * |
| 195 | 50.0 | 228.4 | 20,500 * |
| 200 | 48.7 | 224.0 | 18,800 * |
| 205 | 47.4 | 219.4 | 17,200 * |
| 210 | 46.0 | 214.6 | 15,700 * |
| 215 | 44.6 | 209.6 | 14,200 * |
| 220 | 43.2 | 204.3 | 12,800 * |
| 225 | 41.7 | 198.7 | 11,500 * |
| 230 | 40.2 | 192.8 | 10,200 * |
| 235 | 38.6 | 186.6 | 9,000 * |
| 240 | 37.0 | 180.0 | 7,800 * |
| 245 | 35.3 | 173.0 | 6,700 * |
| 250 | 33.5 | 165.5 | 5,600 * |
| 255 | 31.6 | 157.5 | 4,600 * |

| Oper. Rad. Feet | Boom Ang. Deg. | Boom Point Elev. Feet | Boom Capacity Pounds |
|---------------------|----------------|-----------------------|----------------------|
| 300 Ft. BOOM | | | |
| 46 | 83.0 | 305.4 | 123,300 * |
| 48 | 82.6 | 305.1 | 122,900 * |
| 50 | 82.2 | 304.8 | 122,600 * |
| 55 | 81.3 | 304.1 | 120,400 * |
| 60 | 80.3 | 303.2 | 116,000 * |
| 65 | 79.3 | 302.3 | 111,900 * |
| 70 | 78.3 | 301.2 | 108,300 * |
| 75 | 77.4 | 300.1 | 104,900 * |
| 80 | 76.4 | 298.9 | 101,700 * |
| 85 | 75.4 | 297.6 | 94,800 * |
| 90 | 74.4 | 296.2 | 88,000 * |
| 95 | 73.4 | 294.7 | 82,000 * |
| 100 | 72.4 | 293.1 | 76,600 * |
| 105 | 71.4 | 291.4 | 71,700 * |
| 110 | 70.4 | 289.6 | 67,200 * |
| 115 | 69.4 | 287.7 | 63,200 * |
| 120 | 68.3 | 285.7 | 59,400 * |
| 125 | 67.3 | 283.6 | 55,800 * |
| 130 | 66.2 | 281.4 | 52,400 * |
| 135 | 65.2 | 279.1 | 49,100 * |
| 140 | 64.1 | 276.7 | 45,400 * |
| 145 | 63.1 | 274.1 | 41,900 * |
| 150 | 62.0 | 271.5 | 38,600 * |
| 155 | 60.9 | 268.7 | 35,600 * |
| 160 | 59.8 | 265.8 | 32,800 * |
| 165 | 58.7 | 262.7 | 30,200 * |
| 170 | 57.5 | 259.6 | 27,800 * |
| 175 | 56.4 | 256.2 | 25,500 * |
| 180 | 55.2 | 252.8 | 23,300 * |
| 185 | 54.0 | 249.1 | 21,300 * |
| 190 | 52.8 | 245.4 | 19,500 * |
| 195 | 51.6 | 241.4 | 17,700 * |
| 200 | 50.4 | 237.3 | 16,100 * |
| 205 | 49.1 | 233.0 | 14,500 * |
| 210 | 47.8 | 228.4 | 13,100 * |
| 215 | 46.5 | 223.7 | 11,700 * |
| 220 | 45.2 | 218.8 | 10,400 * |
| 225 | 43.8 | 213.6 | 9,200 * |
| 230 | 42.4 | 208.1 | 8,100 * |
| 235 | 40.9 | 202.4 | 7,000 * |
| 240 | 39.5 | 196.4 | 6,000 * |
| 245 | 37.9 | 190.0 | 5,000 * |
| 250 | 36.3 | 183.3 | 4,200 * |