



Liftcrane Boom Capacities

2250 SERIES 1

**Boom No. 44 With Heavy Lift Top
169,200 Lb. 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 and 169,200 Lb. counterweight.

Consult chart **No. 8005-A** for jib capacities. Consult chart **No. 8528-A** for extended upper boom point capacities.

| 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. |

Extended Upper Boom Point Deduct

Deduct 6,000 Lbs. from boom capacities when 25 Ft. extended upper boom point is attached.

Third Line Deduct

Deduct 600 Lbs. from boom capacities when boom is equipped for three line operation.

Boom Catwalks Deduct

Deduct 600 Lbs. from capacities when boom catwalks are attached.

Upper boom point cannot be used when jib or extended upper boom point is attached.
Jib cannot be attached when boom is equipped for three line operation.



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Boom No. 44 With Heavy Lift Top
169,200 Lb. Counterweight
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**Meets
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| WITHOUT BOOM CATWALKS | | | | | | | | |
|---|-------------|--------------------------------|----------------------------------|-------------|--------------------------------|--------------------------|-------------|--------------------------------|
| Maximum Boom and Jib Lengths Lifted Unassisted | | | | | | | | |
| Over Front of Blocked Crawlers | | | Over Rear of Blocked Crawlers | | | Over Side of Crawlers | | |
| Boom Length | Jib No. 132 | 25 Ft. Extended Upper Boom Pt. | Boom Length | Jib No. 132 | 25 Ft. Extended Upper Boom Pt. | Boom Length | Jib No. 132 | 25 Ft. Extended Upper Boom Pt. |
| (a) 300 Ft. | — | — | (a) 290 Ft. | — | — | 260 Ft. | — | — |
| 290 Ft. | — | — | 280 Ft. | — | — | 250 Ft. | — | — |
| 280 Ft. | — | — | 270 Ft. | — | — | 240 Ft. | — | — |
| 270 Ft. | — | — | 260 Ft. | — | — | 230 Ft. | 40 Ft. | 25 Ft. |
| 260 Ft. | 40 Ft. | — | 250 Ft. | 60 Ft. | — | 220 Ft. | 80 Ft. | — |
| (b) 260 Ft. | 60 Ft. | — | 240 Ft. | 60 Ft. | — | 210 Ft. | 100 Ft. | — |
| 250 Ft. | 80 Ft. | — | 230 Ft. | 100 Ft. | 25 Ft. | 200 Ft. | 120 Ft. | — |
| (b) 240 Ft. | 100 Ft. | — | 220 Ft. | 120 Ft. | — | | | |
| 230 Ft. | 120 Ft. | 25 Ft. | | | | | | |

Load block, hook and weight ball on ground at start.
 (a) Upper boom point and third line sheave assembly on boom top must be removed on 300 Ft. boom or over rear of blocked crawlers on 290 Ft. boom.
 (b) Machine must be equipped with optional upperworks jacking cylinders.

| WITH BOOM CATWALKS | | | | | | | | |
|---|-------------|--------------------------------|----------------------------------|-------------|--------------------------------|--------------------------|-------------|--------------------------------|
| Maximum Boom and Jib Lengths Lifted Unassisted | | | | | | | | |
| Over Front of Blocked Crawlers | | | Over Rear of Blocked Crawlers | | | Over Side of Crawlers | | |
| Boom Length | Jib No. 132 | 25 Ft. Extended Upper Boom Pt. | Boom Length | Jib No. 132 | 25 Ft. Extended Upper Boom Pt. | Boom Length | Jib No. 132 | 25 Ft. Extended Upper Boom Pt. |
| (a)(b) 300 Ft. | — | — | (a)(b) 290 Ft. | — | — | 260 Ft. | — | — |
| (b) 290 Ft. | — | — | (b) 280 Ft. | — | — | 250 Ft. | — | — |
| 280 Ft. | — | — | 270 Ft. | — | — | 240 Ft. | — | — |
| 270 Ft. | — | — | 260 Ft. | — | — | 230 Ft. | 40 Ft. | 25 Ft. |
| 260 Ft. | (b) 40 Ft. | — | 250 Ft. | 40 Ft. | — | 220 Ft. | (b) 80 Ft. | — |
| 250 Ft. | 60 Ft. | — | 240 Ft. | (b) 60 Ft. | — | 210 Ft. | 100 Ft. | — |
| 240 Ft. | 80 Ft. | — | 230 Ft. | 80 Ft. | 25 Ft. | 200 Ft. | 120 Ft. | — |
| 230 Ft. | 100 Ft. | 25 Ft. | 220 Ft. | 120 Ft. | — | | | |
| 220 Ft. | 120 Ft. | — | | | | | | |

Load block, hook and weight ball on ground at start.
 (a) Upper boom point and third line sheave assembly on boom top must be removed on 300 Ft. boom or over rear of blocked crawlers on 290 Ft. boom. 300 Ft. boom *must* be rigged with one hoist lead line.
 (b) Machine must be equipped with optional upperworks jacking cylinders.



Liftcrane Boom Capacities

2250 SERIES 1

Boom No. 44 With Heavy Lift Top
169,200 Lb. 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 | 551,200 * |
| 19 | 82.1 | 76.9 | 547,900 * |
| 20 | 81.3 | 76.8 | 545,600 * |
| 21 | 80.4 | 76.5 | 527,000 * |
| 22 | 79.6 | 76.3 | 504,500 * |
| 23 | 78.8 | 76.1 | 483,800 * |
| 24 | 77.9 | 75.8 | 464,700 * |
| 25 | 77.1 | 75.6 | 441,600 |
| 26 | 76.2 | 75.3 | 410,500 |
| 27 | 75.4 | 75.0 | 383,300 |
| 28 | 74.5 | 74.7 | 359,400 |
| 29 | 73.7 | 74.4 | 338,200 |
| 30 | 72.8 | 74.0 | 319,300 |
| 32 | 71.0 | 73.3 | 287,000 |
| 34 | 69.3 | 72.4 | 260,400 |
| 36 | 67.5 | 71.6 | 238,100 |
| 38 | 65.7 | 70.6 | 219,100 |
| 40 | 63.8 | 69.5 | 202,800 |
| 42 | 61.9 | 68.4 | 188,600 |
| 44 | 60.0 | 67.2 | 176,200 |
| 46 | 58.1 | 65.9 | 165,100 |
| 48 | 56.1 | 64.5 | 155,300 |
| 50 | 54.0 | 62.9 | 146,500 |
| 55 | 48.6 | 58.6 | 128,100 |
| 60 | 42.6 | 53.2 | 113,400 |
| 65 | 35.8 | 46.6 | 101,400 |
| 70 | 27.4 | 37.6 | 91,500 |

| Oper. Rad. Feet | Boom Ang. Deg. | Boom Point Elev. Feet | Boom Capacity Pounds |
|--------------------|----------------|-----------------------|----------------------|
| 80 Ft. BOOM | | | |
| 20 | 82.4 | 86.9 | 526,400 * |
| 21 | 81.7 | 86.7 | 523,600 * |
| 22 | 80.9 | 86.5 | 503,500 * |
| 23 | 80.2 | 86.3 | 482,900 * |
| 24 | 79.5 | 86.1 | 463,800 * |
| 25 | 78.7 | 85.9 | 441,600 |
| 26 | 78.0 | 85.6 | 410,400 |
| 27 | 77.3 | 85.4 | 383,200 |
| 28 | 76.5 | 85.1 | 359,300 |
| 29 | 75.8 | 84.8 | 338,100 |
| 30 | 75.0 | 84.5 | 319,200 |
| 32 | 73.5 | 83.9 | 286,800 |
| 34 | 72.0 | 83.2 | 260,200 |
| 36 | 70.5 | 82.4 | 237,800 |
| 38 | 68.9 | 81.6 | 218,800 |
| 40 | 67.3 | 80.7 | 202,500 |
| 42 | 65.8 | 79.8 | 188,300 |
| 44 | 64.2 | 78.7 | 175,900 |
| 46 | 62.5 | 77.6 | 164,800 |
| 48 | 60.9 | 76.5 | 155,000 |
| 50 | 59.2 | 75.2 | 146,200 |
| 55 | 54.8 | 71.7 | 127,700 |
| 60 | 50.2 | 67.6 | 113,000 |
| 65 | 45.1 | 62.7 | 101,100 |
| 70 | 39.6 | 56.8 | 91,100 |
| 75 | 33.3 | 49.4 | 82,700 |
| 80 | 25.4 | 39.7 | 75,600 |

| Oper. Rad. Feet | Boom Ang. Deg. | Boom Point Elev. Feet | Boom Capacity Pounds |
|--------------------|----------------|-----------------------|----------------------|
| 90 Ft. BOOM | | | |
| 21 | 82.6 | 96.9 | 498,600 * |
| 22 | 81.9 | 96.7 | 495,600 * |
| 23 | 81.3 | 96.5 | 482,200 * |
| 24 | 80.6 | 96.3 | 463,200 * |
| 25 | 80.0 | 96.1 | 441,700 |
| 26 | 79.3 | 95.9 | 410,500 |
| 27 | 78.7 | 95.7 | 383,300 |
| 28 | 78.0 | 95.4 | 359,300 |
| 29 | 77.4 | 95.2 | 338,100 |
| 30 | 76.7 | 94.9 | 319,100 |
| 32 | 75.4 | 94.4 | 286,700 |
| 34 | 74.1 | 93.7 | 260,100 |
| 36 | 72.7 | 93.1 | 237,700 |
| 38 | 71.4 | 92.4 | 218,700 |
| 40 | 70.0 | 91.6 | 202,400 |
| 42 | 68.6 | 90.8 | 188,200 |
| 44 | 67.2 | 89.9 | 175,700 |
| 46 | 65.8 | 88.9 | 164,700 |
| 48 | 64.4 | 87.9 | 154,800 |
| 50 | 63.0 | 86.8 | 146,000 |
| 55 | 59.3 | 83.9 | 127,500 |
| 60 | 55.4 | 80.4 | 112,800 |
| 65 | 51.3 | 76.5 | 100,900 |
| 70 | 47.0 | 71.8 | 90,900 |
| 75 | 42.3 | 66.5 | 82,600 |
| 80 | 37.1 | 60.0 | 75,400 |
| 85 | 31.2 | 52.1 | 69,200 |



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2250 SERIES 1

Boom No. 44 With Heavy Lift Top
169,200 Lb. Counterweight
360 Degree Rating

**Meets
ANSI B30.5
Requirements**

| Oper. Rad. Feet | Boom Ang. Deg. | Boom Point Elev. Feet | Boom Capacity Pounds |
|---------------------|----------------|-----------------------|----------------------|
| 100 Ft. BOOM | | | |
| 22 | 82.8 | 106.8 | 479,300 * |
| 23 | 82.2 | 106.7 | 476,300 * |
| 24 | 81.6 | 106.5 | 462,200 * |
| 25 | 81.0 | 106.3 | 441,500 |
| 26 | 80.4 | 106.1 | 410,300 |
| 27 | 79.8 | 105.9 | 383,100 |
| 28 | 79.3 | 105.7 | 359,100 |
| 29 | 78.7 | 105.5 | 337,800 |
| 30 | 78.1 | 105.2 | 318,900 |
| 32 | 76.9 | 104.7 | 286,400 |
| 34 | 75.7 | 104.2 | 259,700 |
| 36 | 74.5 | 103.6 | 237,300 |
| 38 | 73.3 | 103.0 | 218,300 |
| 40 | 72.1 | 102.3 | 202,000 |
| 42 | 70.9 | 101.5 | 187,700 |
| 44 | 69.7 | 100.8 | 175,300 |
| 46 | 68.4 | 99.9 | 164,200 |
| 48 | 67.2 | 99.0 | 154,400 |
| 50 | 65.9 | 98.1 | 145,600 |
| 55 | 62.7 | 95.5 | 127,000 |
| 60 | 59.3 | 92.5 | 112,300 |
| 65 | 55.9 | 89.2 | 100,400 |
| 70 | 52.3 | 85.3 | 90,400 |
| 75 | 48.5 | 80.9 | 82,000 |
| 80 | 44.4 | 75.9 | 74,900 |
| 85 | 40.0 | 70.0 | 68,700 |
| 90 | 35.1 | 63.1 | 63,300 |
| 95 | 29.5 | 54.7 | 58,500 |

| Oper. Rad. Feet | Boom Ang. Deg. | Boom Point Elev. Feet | Boom Capacity Pounds |
|---------------------|----------------|-----------------------|----------------------|
| 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 | 358,900 |
| 29 | 79.7 | 115.7 | 337,700 |
| 30 | 79.2 | 115.5 | 318,700 |
| 32 | 78.1 | 115.0 | 286,200 |
| 34 | 77.0 | 114.6 | 259,500 |
| 36 | 76.0 | 114.0 | 237,100 |
| 38 | 74.9 | 113.4 | 218,100 |
| 40 | 73.8 | 112.8 | 201,700 |
| 42 | 72.7 | 112.2 | 187,400 |
| 44 | 71.6 | 111.5 | 175,000 |
| 46 | 70.5 | 110.7 | 163,900 |
| 48 | 69.4 | 109.9 | 154,100 |
| 50 | 68.2 | 109.1 | 145,200 |
| 55 | 65.4 | 106.8 | 126,700 |
| 60 | 62.4 | 104.2 | 112,000 |
| 65 | 59.4 | 101.2 | 100,000 |
| 70 | 56.3 | 97.9 | 90,100 |
| 75 | 53.0 | 94.1 | 81,700 |
| 80 | 49.6 | 89.9 | 74,500 |
| 85 | 46.0 | 85.1 | 68,300 |
| 90 | 42.2 | 79.7 | 62,900 |
| 95 | 38.0 | 73.4 | 58,100 |
| 100 | 33.3 | 66.0 | 53,900 |
| 105 | 28.0 | 57.1 | 50,100 |

| 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 | 337,300 |
| 30 | 80.1 | 125.7 | 318,300 |
| 32 | 79.1 | 125.3 | 285,800 |
| 34 | 78.1 | 124.8 | 259,100 |
| 36 | 77.2 | 124.4 | 236,700 |
| 38 | 76.2 | 123.8 | 217,600 |
| 40 | 75.2 | 123.3 | 201,200 |
| 42 | 74.2 | 122.7 | 187,000 |
| 44 | 73.2 | 122.0 | 174,500 |
| 46 | 72.2 | 121.4 | 163,400 |
| 48 | 71.2 | 120.6 | 153,500 |
| 50 | 70.1 | 119.9 | 144,700 |
| 55 | 67.6 | 117.8 | 126,200 |
| 60 | 64.9 | 115.5 | 111,400 |
| 65 | 62.2 | 112.8 | 99,400 |
| 70 | 59.5 | 109.9 | 89,500 |
| 75 | 56.6 | 106.6 | 81,100 |
| 80 | 53.6 | 102.9 | 73,900 |
| 85 | 50.6 | 98.8 | 67,700 |
| 90 | 47.3 | 94.2 | 62,300 |
| 95 | 43.9 | 89.1 | 57,500 |
| 100 | 40.2 | 83.3 | 53,300 |
| 105 | 36.2 | 76.6 | 49,500 |
| 110 | 31.8 | 68.8 | 46,100 |
| 115 | 26.7 | 59.3 | 43,000 |



Liftcrane Boom Capacities

2250 SERIES 1

Boom No. 44 With Heavy Lift Top
169,200 Lb. Counterweight
360 Degree Rating

**Meets
ANSI B30.5
Requirements**

| Oper. Rad. Feet | Boom Ang. Deg. | Boom Point Elev. Feet | Boom Capacity Pounds |
|---------------------|----------------|-----------------------|----------------------|
| 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 | 337,400 |
| 30 | 80.9 | 135.9 | 318,300 |
| 32 | 80.0 | 135.5 | 285,800 |
| 34 | 79.1 | 135.1 | 259,100 |
| 36 | 78.2 | 134.6 | 236,600 |
| 38 | 77.3 | 134.2 | 217,600 |
| 40 | 76.4 | 133.6 | 201,200 |
| 42 | 75.4 | 133.1 | 186,900 |
| 44 | 74.5 | 132.5 | 174,400 |
| 46 | 73.6 | 131.9 | 163,300 |
| 48 | 72.7 | 131.2 | 153,500 |
| 50 | 71.7 | 130.5 | 144,600 |
| 55 | 69.4 | 128.7 | 126,100 |
| 60 | 67.0 | 126.5 | 111,300 |
| 65 | 64.5 | 124.1 | 99,300 |
| 70 | 62.1 | 121.5 | 89,400 |
| 75 | 59.5 | 118.5 | 81,000 |
| 80 | 56.9 | 115.3 | 73,800 |
| 85 | 54.2 | 111.7 | 67,600 |
| 90 | 51.3 | 107.7 | 62,200 |
| 95 | 48.4 | 103.3 | 57,400 |
| 100 | 45.3 | 98.4 | 53,200 |
| 105 | 42.0 | 92.9 | 49,400 |
| 110 | 38.5 | 86.7 | 46,000 |
| 115 | 34.7 | 79.7 | 42,900 |
| 120 | 30.5 | 71.5 | 40,100 |
| 125 | 25.6 | 61.5 | 37,600 |

| Oper. Rad. Feet | Boom Ang. Deg. | Boom Point Elev. Feet | Boom Capacity Pounds |
|---------------------|----------------|-----------------------|----------------------|
| 140 Ft. BOOM | | | |
| 27 | 82.8 | 146.5 | 341,800 * |
| 28 | 82.4 | 146.4 | 340,000 * |
| 29 | 81.9 | 146.2 | 337,000 |
| 30 | 81.5 | 146.0 | 318,000 |
| 32 | 80.7 | 145.7 | 285,400 |
| 34 | 79.9 | 145.3 | 258,600 |
| 36 | 79.0 | 144.9 | 236,200 |
| 38 | 78.2 | 144.4 | 217,100 |
| 40 | 77.4 | 144.0 | 200,700 |
| 42 | 76.5 | 143.5 | 186,400 |
| 44 | 75.7 | 142.9 | 173,900 |
| 46 | 74.8 | 142.3 | 162,800 |
| 48 | 74.0 | 141.7 | 152,900 |
| 50 | 73.1 | 141.1 | 144,100 |
| 55 | 70.9 | 139.4 | 125,500 |
| 60 | 68.7 | 137.4 | 110,700 |
| 65 | 66.5 | 135.2 | 98,700 |
| 70 | 64.2 | 132.8 | 88,800 |
| 75 | 61.9 | 130.1 | 80,400 |
| 80 | 59.5 | 127.2 | 73,200 |
| 85 | 57.1 | 124.0 | 67,000 |
| 90 | 54.6 | 120.4 | 61,600 |
| 95 | 52.0 | 116.5 | 56,800 |
| 100 | 49.3 | 112.2 | 52,500 |
| 105 | 46.5 | 107.5 | 48,800 |
| 110 | 43.5 | 102.3 | 45,400 |
| 115 | 40.4 | 96.5 | 42,300 |
| 120 | 37.0 | 90.0 | 39,500 |
| 125 | 33.4 | 82.6 | 36,900 |
| 130 | 29.3 | 74.0 | 34,600 |

| 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 | 285,100 |
| 34 | 80.6 | 155.5 | 258,300 |
| 36 | 79.8 | 155.1 | 235,800 |
| 38 | 79.0 | 154.7 | 216,700 |
| 40 | 78.2 | 154.2 | 200,300 |
| 42 | 77.4 | 153.8 | 186,000 |
| 44 | 76.6 | 153.3 | 173,400 |
| 46 | 75.8 | 152.7 | 162,300 |
| 48 | 75.1 | 152.2 | 152,500 |
| 50 | 74.3 | 151.6 | 143,600 |
| 55 | 72.3 | 150.0 | 125,000 |
| 60 | 70.2 | 148.2 | 110,200 |
| 65 | 68.2 | 146.2 | 98,200 |
| 70 | 66.1 | 143.9 | 88,300 |
| 75 | 63.9 | 141.5 | 79,800 |
| 80 | 61.8 | 138.8 | 72,700 |
| 85 | 59.6 | 135.9 | 66,500 |
| 90 | 57.3 | 132.6 | 61,000 |
| 95 | 55.0 | 129.1 | 56,300 |
| 100 | 52.6 | 125.3 | 52,000 |
| 105 | 50.1 | 121.2 | 48,200 |
| 110 | 47.5 | 116.6 | 44,800 |
| 115 | 44.8 | 111.6 | 41,800 |
| 120 | 42.0 | 106.1 | 39,000 |
| 125 | 38.9 | 100.0 | 36,400 |
| 130 | 35.7 | 93.2 | 34,100 |
| 135 | 32.2 | 85.4 | 31,900 |
| 140 | 28.3 | 76.5 | 29,900 |



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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 | 284,700 |
| 34 | 81.1 | 165.7 | 257,800 |
| 36 | 80.4 | 165.3 | 235,300 |
| 38 | 79.7 | 164.9 | 216,200 |
| 40 | 79.0 | 164.5 | 199,700 |
| 42 | 78.2 | 164.0 | 185,400 |
| 44 | 77.5 | 163.6 | 172,900 |
| 46 | 76.8 | 163.1 | 161,800 |
| 48 | 76.0 | 162.6 | 151,900 |
| 50 | 75.3 | 162.0 | 143,000 |
| 55 | 73.4 | 160.5 | 124,400 |
| 60 | 71.5 | 158.8 | 109,600 |
| 65 | 69.6 | 157.0 | 97,600 |
| 70 | 67.7 | 154.9 | 87,600 |
| 75 | 65.7 | 152.6 | 79,200 |
| 80 | 63.7 | 150.2 | 72,000 |
| 85 | 61.7 | 147.5 | 65,800 |
| 90 | 59.6 | 144.5 | 60,400 |
| 95 | 57.5 | 141.3 | 55,600 |
| 100 | 55.3 | 137.9 | 51,300 |
| 105 | 53.1 | 134.1 | 47,600 |
| 110 | 50.7 | 130.1 | 44,200 |
| 115 | 48.4 | 125.6 | 41,100 |
| 120 | 45.9 | 120.8 | 38,300 |
| 125 | 43.3 | 115.6 | 35,700 |
| 130 | 40.5 | 109.8 | 33,400 |
| 135 | 37.6 | 103.4 | 31,200 |
| 140 | 34.5 | 96.2 | 29,300 |
| 145 | 31.1 | 88.2 | 27,400 |
| 150 | 27.3 | 78.8 | 25,700 |

| 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 | 257,700 |
| 36 | 81.0 | 175.5 | 235,200 |
| 38 | 80.3 | 175.1 | 216,100 |
| 40 | 79.6 | 174.7 | 199,600 |
| 42 | 78.9 | 174.3 | 185,300 |
| 44 | 78.2 | 173.8 | 172,800 |
| 46 | 77.5 | 173.4 | 161,700 |
| 48 | 76.9 | 172.9 | 151,800 |
| 50 | 76.2 | 172.4 | 142,900 |
| 55 | 74.4 | 171.0 | 124,300 |
| 60 | 72.6 | 169.4 | 109,500 |
| 65 | 70.9 | 167.6 | 97,500 |
| 70 | 69.1 | 165.7 | 87,500 |
| 75 | 67.2 | 163.6 | 79,100 |
| 80 | 65.4 | 161.3 | 71,900 |
| 85 | 63.5 | 158.8 | 65,700 |
| 90 | 61.6 | 156.1 | 60,200 |
| 95 | 59.6 | 153.2 | 55,500 |
| 100 | 57.6 | 150.0 | 51,200 |
| 105 | 55.6 | 146.6 | 47,400 |
| 110 | 53.5 | 142.9 | 44,000 |
| 115 | 51.3 | 138.9 | 40,900 |
| 120 | 49.1 | 134.6 | 38,100 |
| 125 | 46.8 | 129.9 | 35,600 |
| 130 | 44.4 | 124.9 | 33,300 |
| 135 | 41.9 | 119.3 | 31,100 |
| 140 | 39.2 | 113.3 | 29,100 |
| 145 | 36.4 | 106.6 | 27,300 |
| 150 | 33.4 | 99.2 | 25,600 |
| 155 | 30.1 | 90.8 | 24,000 |
| 160 | 26.5 | 81.1 | 22,500 |

| 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 | 257,300 |
| 36 | 81.5 | 185.6 | 234,800 |
| 38 | 80.9 | 185.3 | 215,600 |
| 40 | 80.2 | 184.9 | 199,100 |
| 42 | 79.6 | 184.5 | 184,800 |
| 44 | 78.9 | 184.1 | 172,200 |
| 46 | 78.3 | 183.6 | 161,100 |
| 48 | 77.6 | 183.2 | 151,200 |
| 50 | 76.9 | 182.7 | 142,300 |
| 55 | 75.3 | 181.4 | 123,700 |
| 60 | 73.6 | 179.9 | 108,900 |
| 65 | 72.0 | 178.3 | 96,900 |
| 70 | 70.3 | 176.5 | 86,900 |
| 75 | 68.6 | 174.5 | 78,400 |
| 80 | 66.8 | 172.3 | 71,200 |
| 85 | 65.1 | 170.0 | 65,000 |
| 90 | 63.3 | 167.5 | 59,600 |
| 95 | 61.5 | 164.8 | 54,800 |
| 100 | 59.6 | 161.8 | 50,600 |
| 105 | 57.8 | 158.7 | 46,800 |
| 110 | 55.8 | 155.3 | 43,400 |
| 115 | 53.9 | 151.7 | 40,300 |
| 120 | 51.8 | 147.7 | 37,500 |
| 125 | 49.8 | 143.5 | 34,900 |
| 130 | 47.6 | 139.0 | 32,600 |
| 135 | 45.4 | 134.1 | 30,400 |
| 140 | 43.1 | 128.8 | 28,400 |
| 145 | 40.6 | 123.0 | 26,600 |
| 150 | 38.1 | 116.7 | 24,900 |
| 155 | 35.4 | 109.8 | 23,300 |
| 160 | 32.4 | 102.1 | 21,800 |
| 165 | 29.2 | 93.4 | 20,400 |
| 170 | 25.7 | 83.3 | 19,100 |



Liftcrane Boom Capacities

2250 SERIES 1

Boom No. 44 With Heavy Lift Top
169,200 Lb. 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 | 234,300 |
| 38 | 81.3 | 195.4 | 215,200 |
| 40 | 80.7 | 195.1 | 198,700 |
| 42 | 80.1 | 194.7 | 184,300 |
| 44 | 79.5 | 194.3 | 171,800 |
| 46 | 78.9 | 193.9 | 160,600 |
| 48 | 78.3 | 193.4 | 150,700 |
| 50 | 77.6 | 193.0 | 141,800 |
| 55 | 76.1 | 191.7 | 123,200 |
| 60 | 74.5 | 190.3 | 108,400 |
| 65 | 72.9 | 188.8 | 96,300 |
| 70 | 71.4 | 187.1 | 86,300 |
| 75 | 69.7 | 185.3 | 77,900 |
| 80 | 68.1 | 183.2 | 70,700 |
| 85 | 66.5 | 181.1 | 64,500 |
| 90 | 64.8 | 178.7 | 59,000 |
| 95 | 63.1 | 176.2 | 54,200 |
| 100 | 61.4 | 173.4 | 50,000 |
| 105 | 59.7 | 170.5 | 46,200 |
| 110 | 57.9 | 167.4 | 42,800 |
| 115 | 56.1 | 164.0 | 39,700 |
| 120 | 54.2 | 160.4 | 36,900 |
| 125 | 52.3 | 156.6 | 34,300 |
| 130 | 50.3 | 152.4 | 32,000 |
| 135 | 48.3 | 148.0 | 29,900 |
| 140 | 46.2 | 143.2 | 27,900 |
| 145 | 44.1 | 138.1 | 26,000 |
| 150 | 41.8 | 132.6 | 24,300 |
| 155 | 39.5 | 126.6 | 22,700 |
| 160 | 37.0 | 120.0 | 21,300 |
| 165 | 34.4 | 112.8 | 19,900 |
| 170 | 31.5 | 104.8 | 18,600 |
| 175 | 28.4 | 95.8 | 17,400 |

| 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 | 214,700 |
| 40 | 81.2 | 205.2 | 198,200 |
| 42 | 80.6 | 204.8 | 183,800 |
| 44 | 80.0 | 204.5 | 171,200 |
| 46 | 79.4 | 204.1 | 160,100 |
| 48 | 78.9 | 203.7 | 150,200 |
| 50 | 78.3 | 203.2 | 141,300 |
| 55 | 76.8 | 202.1 | 122,600 |
| 60 | 75.3 | 200.7 | 107,800 |
| 65 | 73.8 | 199.3 | 95,700 |
| 70 | 72.3 | 197.7 | 85,700 |
| 75 | 70.8 | 195.9 | 77,200 |
| 80 | 69.3 | 194.0 | 70,000 |
| 85 | 67.7 | 192.0 | 63,800 |
| 90 | 66.2 | 189.8 | 58,400 |
| 95 | 64.6 | 187.4 | 53,600 |
| 100 | 63.0 | 184.8 | 49,300 |
| 105 | 61.3 | 182.1 | 45,500 |
| 110 | 59.7 | 179.2 | 42,100 |
| 115 | 58.0 | 176.0 | 39,000 |
| 120 | 56.3 | 172.7 | 36,200 |
| 125 | 54.5 | 169.1 | 33,700 |
| 130 | 52.7 | 165.3 | 31,300 |
| 135 | 50.9 | 161.3 | 29,200 |
| 140 | 49.0 | 157.0 | 27,200 |
| 145 | 47.0 | 152.3 | 25,300 |
| 150 | 45.0 | 147.3 | 23,600 |
| 155 | 42.9 | 142.0 | 22,000 |
| 160 | 40.7 | 136.2 | 20,600 |
| 165 | 38.4 | 130.0 | 19,200 |
| 170 | 36.0 | 123.2 | 17,900 |
| 175 | 33.4 | 115.8 | 16,700 |
| 180 | 30.7 | 107.5 | 15,500 |
| 185 | 27.7 | 98.3 | 14,400 |

| 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 | 214,400 |
| 40 | 81.6 | 215.3 | 197,900 |
| 42 | 81.1 | 215.0 | 183,600 |
| 44 | 80.5 | 214.6 | 171,000 |
| 46 | 80.0 | 214.3 | 159,800 |
| 48 | 79.4 | 213.9 | 149,900 |
| 50 | 78.8 | 213.5 | 141,000 |
| 55 | 77.4 | 212.3 | 122,300 |
| 60 | 76.0 | 211.1 | 107,500 |
| 65 | 74.6 | 209.7 | 95,400 |
| 70 | 73.2 | 208.2 | 85,400 |
| 75 | 71.8 | 206.5 | 77,000 |
| 80 | 70.3 | 204.7 | 69,800 |
| 85 | 68.8 | 202.8 | 63,500 |
| 90 | 67.4 | 200.7 | 58,100 |
| 95 | 65.9 | 198.5 | 53,300 |
| 100 | 64.4 | 196.1 | 49,100 |
| 105 | 62.8 | 193.5 | 45,300 |
| 110 | 61.3 | 190.8 | 41,800 |
| 115 | 59.7 | 187.8 | 38,800 |
| 120 | 58.1 | 184.7 | 36,000 |
| 125 | 56.4 | 181.4 | 33,400 |
| 130 | 54.8 | 177.9 | 31,100 |
| 135 | 53.1 | 174.1 | 28,900 |
| 140 | 51.3 | 170.1 | 26,900 |
| 145 | 49.5 | 165.9 | 25,100 |
| 150 | 47.7 | 161.4 | 23,400 |
| 155 | 45.8 | 156.5 | 21,800 |
| 160 | 43.8 | 151.3 | 20,300 |
| 165 | 41.8 | 145.8 | 18,900 |
| 170 | 39.7 | 139.8 | 17,600 |
| 175 | 37.4 | 133.4 | 16,400 |
| 180 | 35.1 | 126.4 | 15,300 |
| 185 | 32.6 | 118.7 | 14,200 |
| 190 | 29.9 | 110.2 | 13,100 |
| 195 | 27.0 | 100.6 | 12,200 |



Liftcrane Boom Capacities

2250 SERIES 1

Boom No. 44 With Heavy Lift Top
169,200 Lb. 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 | 214,000 |
| 40 | 82.0 | 225.5 | 197,400 |
| 42 | 81.5 | 225.1 | 183,100 |
| 44 | 80.9 | 224.8 | 170,500 |
| 46 | 80.4 | 224.4 | 159,300 |
| 48 | 79.9 | 224.1 | 149,400 |
| 50 | 79.4 | 223.7 | 140,500 |
| 55 | 78.0 | 222.6 | 121,800 |
| 60 | 76.7 | 221.4 | 106,900 |
| 65 | 75.3 | 220.1 | 94,800 |
| 70 | 74.0 | 218.7 | 84,800 |
| 75 | 72.6 | 217.1 | 76,400 |
| 80 | 71.2 | 215.4 | 69,100 |
| 85 | 69.9 | 213.5 | 62,900 |
| 90 | 68.5 | 211.6 | 57,400 |
| 95 | 67.0 | 209.4 | 52,600 |
| 100 | 65.6 | 207.2 | 48,400 |
| 105 | 64.2 | 204.7 | 44,600 |
| 110 | 62.7 | 202.2 | 41,200 |
| 115 | 61.2 | 199.4 | 38,100 |
| 120 | 59.7 | 196.5 | 35,300 |
| 125 | 58.2 | 193.4 | 32,700 |
| 130 | 56.6 | 190.1 | 30,400 |
| 135 | 55.0 | 186.6 | 28,200 |
| 140 | 53.4 | 182.9 | 26,200 |
| 145 | 51.7 | 179.0 | 24,400 |
| 150 | 50.1 | 174.8 | 22,700 |
| 155 | 48.3 | 170.4 | 21,100 |
| 160 | 46.5 | 165.6 | 19,600 |
| 165 | 44.7 | 160.6 | 18,200 |
| 170 | 42.8 | 155.2 | 16,900 |
| 175 | 40.8 | 149.5 | 15,700 |
| 180 | 38.7 | 143.3 | 14,600 |
| 185 | 36.5 | 136.6 | 13,500 |
| 190 | 34.2 | 129.4 | 12,500 |
| 195 | 31.8 | 121.5 | 11,500 |
| 200 | 29.2 | 112.7 | 10,600 |
| 205 | 26.3 | 102.9 | 9,700 |

| 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 | 182,600 |
| 44 | 81.3 | 234.9 | 170,000 |
| 46 | 80.8 | 234.6 | 158,800 |
| 48 | 80.3 | 234.2 | 148,900 |
| 50 | 79.8 | 233.9 | 140,000 |
| 55 | 78.6 | 232.9 | 121,200 |
| 60 | 77.3 | 231.7 | 106,400 |
| 65 | 76.0 | 230.5 | 94,300 |
| 70 | 74.7 | 229.1 | 84,200 |
| 75 | 73.4 | 227.6 | 75,800 |
| 80 | 72.1 | 226.0 | 68,600 |
| 85 | 70.8 | 224.2 | 62,300 |
| 90 | 69.4 | 222.3 | 56,900 |
| 95 | 68.1 | 220.3 | 52,100 |
| 100 | 66.7 | 218.2 | 47,800 |
| 105 | 65.4 | 215.9 | 44,000 |
| 110 | 64.0 | 213.4 | 40,600 |
| 115 | 62.6 | 210.8 | 37,500 |
| 120 | 61.2 | 208.1 | 34,700 |
| 125 | 59.7 | 205.1 | 32,100 |
| 130 | 58.3 | 202.1 | 29,800 |
| 135 | 56.8 | 198.8 | 27,600 |
| 140 | 55.2 | 195.3 | 25,600 |
| 145 | 53.7 | 191.7 | 23,800 |
| 150 | 52.1 | 187.8 | 22,100 |
| 155 | 50.5 | 183.7 | 20,500 |
| 160 | 48.9 | 179.3 | 19,000 |
| 165 | 47.2 | 174.7 | 17,600 |
| 170 | 45.4 | 169.8 | 16,300 |
| 175 | 43.6 | 164.6 | 15,100 |
| 180 | 41.8 | 159.0 | 14,000 |
| 185 | 39.8 | 153.1 | 12,900 |
| 190 | 37.8 | 146.7 | 11,900 |
| 195 | 35.7 | 139.8 | 10,900 |
| 200 | 33.5 | 132.4 | 10,000 |
| 205 | 31.1 | 124.2 | 9,100 |
| 210 | 28.5 | 115.2 | 8,300 |
| 215 | 25.7 | 105.1 | 7,500 |

| 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 | 182,100 |
| 44 | 81.7 | 245.1 | 169,400 |
| 46 | 81.2 | 244.7 | 158,300 |
| 48 | 80.7 | 244.4 | 148,300 |
| 50 | 80.3 | 244.0 | 139,400 |
| 55 | 79.0 | 243.1 | 120,700 |
| 60 | 77.8 | 242.0 | 105,800 |
| 65 | 76.6 | 240.8 | 93,700 |
| 70 | 75.4 | 239.5 | 83,600 |
| 75 | 74.1 | 238.0 | 75,100 |
| 80 | 72.9 | 236.5 | 67,900 |
| 85 | 71.6 | 234.8 | 61,700 |
| 90 | 70.3 | 233.0 | 56,200 |
| 95 | 69.1 | 231.1 | 51,400 |
| 100 | 67.8 | 229.1 | 47,100 |
| 105 | 66.5 | 226.9 | 43,300 |
| 110 | 65.2 | 224.6 | 39,900 |
| 115 | 63.8 | 222.1 | 36,800 |
| 120 | 62.5 | 219.5 | 34,000 |
| 125 | 61.1 | 216.7 | 31,400 |
| 130 | 59.7 | 213.8 | 29,100 |
| 135 | 58.3 | 210.7 | 26,900 |
| 140 | 56.9 | 207.5 | 24,900 |
| 145 | 55.5 | 204.0 | 23,100 |
| 150 | 54.0 | 200.4 | 21,400 |
| 155 | 52.5 | 196.6 | 19,800 |
| 160 | 50.9 | 192.5 | 18,300 |
| 165 | 49.4 | 188.2 | 16,900 |
| 170 | 47.8 | 183.7 | 15,600 |
| 175 | 46.1 | 178.9 | 14,400 |
| 180 | 44.4 | 173.9 | 13,300 |
| 185 | 42.6 | 168.5 | 12,200 |
| 190 | 40.8 | 162.7 | 11,100 |
| 195 | 38.9 | 156.6 | 10,200 |
| 200 | 37.0 | 150.0 | 9,300 |
| 205 | 34.9 | 142.9 | 8,400 |
| 210 | 32.7 | 135.3 | 7,600 |
| 215 | 30.4 | 126.9 | 6,800 |
| 220 | 27.9 | 117.7 | 6,000 |
| 225 | 25.1 | 107.3 | 5,300 |



Liftcrane Boom Capacities

2250 SERIES 1

Boom No. 44 With Heavy Lift Top
169,200 Lb. 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 | 170,200 |
| 46 | 81.6 | 254.9 | 159,000 |
| 48 | 81.1 | 254.6 | 149,100 |
| 50 | 80.6 | 254.2 | 140,200 |
| 55 | 79.5 | 253.3 | 121,400 |
| 60 | 78.3 | 252.2 | 106,600 |
| 65 | 77.1 | 251.1 | 94,500 |
| 70 | 76.0 | 249.8 | 84,400 |
| 75 | 74.8 | 248.5 | 76,000 |
| 80 | 73.6 | 247.0 | 68,700 |
| 85 | 72.4 | 245.4 | 62,500 |
| 90 | 71.2 | 243.7 | 57,000 |
| 95 | 69.9 | 241.8 | 52,200 |
| 100 | 68.7 | 239.9 | 48,000 |
| 105 | 67.5 | 237.8 | 44,200 |
| 110 | 66.2 | 235.6 | 40,700 |
| 115 | 64.9 | 233.3 | 37,600 |
| 120 | 63.7 | 230.8 | 34,800 |
| 125 | 62.4 | 228.2 | 32,300 |
| 130 | 61.1 | 225.4 | 29,900 |
| 135 | 59.7 | 222.5 | 27,800 |
| 140 | 58.4 | 219.4 | 25,800 |
| 145 | 57.0 | 216.2 | 23,900 |
| 150 | 55.6 | 212.7 | 22,200 |
| 155 | 54.2 | 209.1 | 20,600 |
| 160 | 52.8 | 205.4 | 19,200 |
| 165 | 51.3 | 201.4 | 17,800 |
| 170 | 49.8 | 197.2 | 16,500 |
| 175 | 48.3 | 192.7 | 15,300 |
| 180 | 46.7 | 188.0 | 14,100 |
| 185 | 45.1 | 183.1 | 13,000 |
| 190 | 43.4 | 177.8 | 12,000 |
| 195 | 41.7 | 172.2 | 11,000 |
| 200 | 40.0 | 166.3 | 10,100 |
| 205 | 38.1 | 160.0 | 9,300 |
| 210 | 36.2 | 153.2 | 8,400 |
| 215 | 34.2 | 146.0 | 7,600 |
| 220 | 32.0 | 138.1 | 6,900 |
| 225 | 29.7 | 129.5 | 6,200 |
| 230 | 27.3 | 120.1 | 5,500 |

| 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 | 158,500 |
| 48 | 81.5 | 264.7 | 148,600 |
| 50 | 81.0 | 264.4 | 139,600 |
| 55 | 79.9 | 263.5 | 120,900 |
| 60 | 78.8 | 262.5 | 106,000 |
| 65 | 77.6 | 261.4 | 93,900 |
| 70 | 76.5 | 260.1 | 83,800 |
| 75 | 75.4 | 258.8 | 75,300 |
| 80 | 74.2 | 257.4 | 68,100 |
| 85 | 73.1 | 255.9 | 61,800 |
| 90 | 71.9 | 254.2 | 56,400 |
| 95 | 70.7 | 252.5 | 51,600 |
| 100 | 69.6 | 250.6 | 47,300 |
| 105 | 68.4 | 248.6 | 43,500 |
| 110 | 67.2 | 246.5 | 40,100 |
| 115 | 66.0 | 244.3 | 37,000 |
| 120 | 64.8 | 241.9 | 34,200 |
| 125 | 63.5 | 239.4 | 31,600 |
| 130 | 62.3 | 236.8 | 29,300 |
| 135 | 61.0 | 234.0 | 27,100 |
| 140 | 59.8 | 231.1 | 25,100 |
| 145 | 58.5 | 228.1 | 23,300 |
| 150 | 57.1 | 224.8 | 21,600 |
| 155 | 55.8 | 221.4 | 20,000 |
| 160 | 54.5 | 217.9 | 18,500 |
| 165 | 53.1 | 214.1 | 17,100 |
| 170 | 51.7 | 210.2 | 15,800 |
| 175 | 50.2 | 206.0 | 14,600 |
| 180 | 48.8 | 201.7 | 13,400 |
| 185 | 47.3 | 197.1 | 12,300 |
| 190 | 45.8 | 192.2 | 11,300 |
| 195 | 44.2 | 187.1 | 10,300 |
| 200 | 42.6 | 181.7 | 9,400 |
| 205 | 40.9 | 176.0 | 8,600 |
| 210 | 39.1 | 169.9 | 7,700 |
| 215 | 37.3 | 163.4 | 6,900 |
| 220 | 35.4 | 156.4 | 6,200 |
| 225 | 33.5 | 149.0 | 5,500 |
| 230 | 31.4 | 140.9 | 4,800 |
| 235 | 29.1 | 132.1 | 4,100 |

| 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 | 148,000 |
| 50 | 81.3 | 274.5 | 139,100 |
| 55 | 80.3 | 273.6 | 120,300 |
| 60 | 79.2 | 272.7 | 105,400 |
| 65 | 78.1 | 271.6 | 93,300 |
| 70 | 77.0 | 270.4 | 83,200 |
| 75 | 75.9 | 269.2 | 74,800 |
| 80 | 74.8 | 267.8 | 67,500 |
| 85 | 73.7 | 266.4 | 61,300 |
| 90 | 72.6 | 264.8 | 55,800 |
| 95 | 71.5 | 263.1 | 51,000 |
| 100 | 70.4 | 261.3 | 46,700 |
| 105 | 69.2 | 259.4 | 42,900 |
| 110 | 68.1 | 257.4 | 39,500 |
| 115 | 66.9 | 255.3 | 36,400 |
| 120 | 65.8 | 253.0 | 33,600 |
| 125 | 64.6 | 250.6 | 31,000 |
| 130 | 63.4 | 248.1 | 28,600 |
| 135 | 62.2 | 245.5 | 26,500 |
| 140 | 61.0 | 242.7 | 24,500 |
| 145 | 59.8 | 239.8 | 22,700 |
| 150 | 58.5 | 236.7 | 20,900 |
| 155 | 57.3 | 233.5 | 19,300 |
| 160 | 56.0 | 230.1 | 17,900 |
| 165 | 54.7 | 226.6 | 16,500 |
| 170 | 53.4 | 222.9 | 15,200 |
| 175 | 52.0 | 219.0 | 14,000 |
| 180 | 50.6 | 214.9 | 12,800 |
| 185 | 49.2 | 210.6 | 11,700 |
| 190 | 47.8 | 206.1 | 10,700 |
| 195 | 46.3 | 201.3 | 9,700 |
| 200 | 44.8 | 196.3 | 8,800 |
| 205 | 43.3 | 191.1 | 7,900 |
| 210 | 41.7 | 185.5 | 7,100 |
| 215 | 40.1 | 179.6 | 6,300 |
| 220 | 38.4 | 173.3 | 5,600 |
| 225 | 36.6 | 166.6 | 4,900 |
| 230 | 34.8 | 159.5 | 4,200 |



Liftcrane Boom Capacities

2250 SERIES 1

Boom No. 44 With Heavy Lift Top
169,200 Lb. 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 | 120,300 |
| 60 | 79.6 | 282.9 | 105,300 |
| 65 | 78.5 | 281.8 | 93,200 |
| 70 | 77.5 | 280.7 | 83,100 |
| 75 | 76.4 | 279.5 | 74,600 |
| 80 | 75.4 | 278.2 | 67,400 |
| 85 | 74.3 | 276.8 | 61,100 |
| 90 | 73.2 | 275.3 | 55,600 |
| 95 | 72.2 | 273.7 | 50,800 |
| 100 | 71.1 | 271.9 | 46,500 |
| 105 | 70.0 | 270.1 | 42,700 |
| 110 | 68.9 | 268.2 | 39,300 |
| 115 | 67.8 | 266.1 | 36,200 |
| 120 | 66.7 | 264.0 | 33,400 |
| 125 | 65.6 | 261.7 | 30,800 |
| 130 | 64.4 | 259.3 | 28,500 |
| 135 | 63.3 | 256.8 | 26,300 |
| 140 | 62.1 | 254.1 | 24,300 |
| 145 | 61.0 | 251.4 | 22,400 |
| 150 | 59.8 | 248.5 | 20,700 |
| 155 | 58.6 | 245.4 | 19,100 |
| 160 | 57.4 | 242.2 | 17,700 |
| 165 | 56.1 | 238.8 | 16,300 |
| 170 | 54.9 | 235.3 | 15,000 |
| 175 | 53.6 | 231.6 | 13,700 |
| 180 | 52.3 | 227.8 | 12,600 |
| 185 | 51.0 | 223.7 | 11,500 |
| 190 | 49.7 | 219.5 | 10,500 |
| 195 | 48.3 | 215.1 | 9,500 |
| 200 | 46.9 | 210.4 | 8,600 |
| 205 | 45.5 | 205.5 | 7,700 |
| 210 | 44.0 | 200.3 | 6,900 |
| 215 | 42.5 | 194.9 | 6,100 |
| 220 | 40.9 | 189.2 | 5,400 |
| 225 | 39.3 | 183.1 | 4,600 |
| 230 | 37.6 | 176.7 | 4,000 |

| 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 | 119,900 |
| 60 | 79.9 | 293.0 | 104,900 |
| 65 | 78.9 | 292.1 | 92,800 |
| 70 | 77.9 | 291.0 | 82,700 |
| 75 | 76.9 | 289.8 | 74,200 |
| 80 | 75.9 | 288.6 | 67,000 |
| 85 | 74.9 | 287.2 | 60,700 |
| 90 | 73.8 | 285.7 | 55,200 |
| 95 | 72.8 | 284.2 | 50,400 |
| 100 | 71.8 | 282.5 | 46,100 |
| 105 | 70.7 | 280.8 | 42,300 |
| 110 | 69.7 | 278.9 | 38,900 |
| 115 | 68.6 | 277.0 | 35,800 |
| 120 | 67.5 | 274.9 | 33,000 |
| 125 | 66.5 | 272.7 | 30,400 |
| 130 | 65.4 | 270.4 | 28,000 |
| 135 | 64.3 | 268.0 | 25,900 |
| 140 | 63.2 | 265.5 | 23,900 |
| 145 | 62.0 | 262.8 | 22,000 |
| 150 | 60.9 | 260.0 | 20,300 |
| 155 | 59.8 | 257.1 | 18,700 |
| 160 | 58.6 | 254.1 | 17,200 |
| 165 | 57.4 | 250.9 | 15,900 |
| 170 | 56.3 | 247.5 | 14,600 |
| 175 | 55.1 | 244.0 | 13,300 |
| 180 | 53.8 | 240.4 | 12,200 |
| 185 | 52.6 | 236.6 | 11,100 |
| 190 | 51.3 | 232.6 | 10,100 |
| 195 | 50.0 | 228.4 | 9,100 |
| 200 | 48.7 | 224.0 | 8,200 |
| 205 | 47.4 | 219.4 | 7,300 |
| 210 | 46.0 | 214.6 | 6,500 |
| 215 | 44.6 | 209.6 | 5,700 |
| 220 | 43.2 | 204.3 | 4,900 |
| 225 | 41.7 | 198.7 | 4,200 |

| 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 | 119,300 |
| 60 | 80.3 | 303.2 | 104,300 |
| 65 | 79.3 | 302.3 | 92,200 |
| 70 | 78.3 | 301.2 | 82,100 |
| 75 | 77.4 | 300.1 | 73,600 |
| 80 | 76.4 | 298.9 | 66,300 |
| 85 | 75.4 | 297.6 | 60,000 |
| 90 | 74.4 | 296.2 | 54,600 |
| 95 | 73.4 | 294.7 | 49,700 |
| 100 | 72.4 | 293.1 | 45,500 |
| 105 | 71.4 | 291.4 | 41,600 |
| 110 | 70.4 | 289.6 | 38,200 |
| 115 | 69.4 | 287.7 | 35,100 |
| 120 | 68.3 | 285.7 | 32,300 |
| 125 | 67.3 | 283.6 | 29,700 |
| 130 | 66.2 | 281.4 | 27,300 |
| 135 | 65.2 | 279.1 | 25,200 |
| 140 | 64.1 | 276.7 | 23,200 |
| 145 | 63.1 | 274.1 | 21,300 |
| 150 | 62.0 | 271.5 | 19,600 |
| 155 | 60.9 | 268.7 | 18,000 |
| 160 | 59.8 | 265.8 | 16,500 |
| 165 | 58.7 | 262.7 | 15,100 |
| 170 | 57.5 | 259.6 | 13,800 |
| 175 | 56.4 | 256.2 | 12,600 |
| 180 | 55.2 | 252.8 | 11,500 |
| 185 | 54.0 | 249.1 | 10,400 |
| 190 | 52.8 | 245.4 | 9,300 |
| 195 | 51.6 | 241.4 | 8,400 |
| 200 | 50.4 | 237.3 | 7,500 |
| 205 | 49.1 | 233.0 | 6,600 |
| 210 | 47.8 | 228.4 | 5,800 |
| 215 | 46.5 | 223.7 | 5,000 |
| 220 | 45.2 | 218.8 | 4,200 |