

# Liftcrane Boom Capacities

Meets  
ANSI B30.5  
Requirements

## 888 SERIES 2

**Boom No. 22EL**  
**179,100 Lb. Crane Counterweight**  
**44,000 Lb. Carbody Counterweight**  
**360 Degree Rating**

**LIFTING CAPACITIES:** 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 (\*). Capacities indicated by (b) require 12,500 Lb. minimum weight. Capacities are not shown for boom positions which, without load, provide less than required ANSI B30.5 backward stability.

Upper boom point capacity for liftcrane service with single part whip line is 29,500 Lbs. or 59,000 Lbs. with two part whip line. When boom butt mounted auxiliary drum is used, capacity with single part whip line is 20,000 Lbs. or 40,000 Lbs. with two part whip line. In all cases, upper boom point capacities cannot exceed those listed for main boom capacity.

250 Ft. thru 290 Ft. boom lengths require only the middle two sheaves in 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. 177156** or **No. 177353** and Wire Rope Specification chart **No. 7810-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. 7808-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 28 Ft. 2 in. extendible crawlers, 48 in. treads, 10 Ft. 3 in. retractable gantry, 30 Ft. live mast, 20 part boom hoist reeving, four 1-3/8 in. boom pendants, 179,100 Lb. crane counterweight and 44,000 Lb. carbody counterweight.

### Deduct From Capacities When Jib Is Attached

| Jib Length | Jib No. 134 |
|------------|-------------|
| 30 Ft.     | 2,700 Lbs.  |
| 40 Ft.     | 3,500 Lbs.  |
| 50 Ft.     | 4,300 Lbs.  |
| 60 Ft.     | 5,100 Lbs.  |
| 70 Ft.     | 6,100 Lbs.  |
| 80 Ft.     | 7,100 Lbs.  |

### Maximum Boom and Jib Lengths Lifted Unassisted

| Over Front of<br>Blocked Crawlers |             | Over Rear of<br>Blocked Crawlers |             | Over Side of<br>Extended Crawlers |             | Over Side of<br>Retracted Crawlers |             |
|-----------------------------------|-------------|----------------------------------|-------------|-----------------------------------|-------------|------------------------------------|-------------|
| Boom Length                       | Jib No. 134 | Boom Length                      | Jib No. 134 | Boom Length                       | Jib No. 134 | Boom Length                        | Jib No. 134 |
| (a) 290 Ft.                       | —           | (a) 280 Ft.                      | —           | (a) 260 Ft.                       | —           | 230 Ft.                            | —           |
| 280 Ft.                           | —           | 270 Ft.                          | —           | 250 Ft.                           | —           | 220 Ft.                            | 30 Ft.      |
| 270 Ft.                           | —           | 260 Ft.                          | 40 Ft.      | 240 Ft.                           | —           | 210 Ft.                            | 60 Ft.      |
| 260 Ft.                           | 50 Ft.      | 250 Ft.                          | 70 Ft.      | 230 Ft.                           | 50 Ft.      | 200 Ft.                            | 80 Ft.      |
| 250 Ft.                           | 80 Ft.      | 240 Ft.                          | 80 Ft.      | 220 Ft.                           | 80 Ft.      |                                    |             |

Load block, hook and weight ball on ground at start. (a) Upper boom point cannot be used on 290 Ft. boom and cannot be lifted over rear of blocked crawlers on 280 Ft. boom or side of extended crawlers on 260 Ft. boom.

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



# Liftcrane Boom Capacities

Meets  
ANSI B30.5  
Requirements

## 888 SERIES 2

**Boom No. 22EL**  
**179,100 Lb. Crane Counterweight**  
**44,000 Lb. Carbody Counterweight**  
**360 Degree Rating**

| Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Boom<br>Point<br>Elev.<br>Feet | Boom<br>Capacity<br>Crawlers<br>Retracted<br>Pounds | Boom<br>Capacity<br>Crawlers<br>Extended<br>Pounds |
|-----------------------|----------------------|--------------------------------|-----------------------------------------------------|----------------------------------------------------|
| <b>70 Ft. Boom</b>    |                      |                                |                                                     |                                                    |
| 16                    | 82.8                 | 77.2                           |                                                     | 441,000 *b                                         |
| 17                    | 82.0                 | 77.1                           |                                                     | 408,300 *b                                         |
| 18                    | 81.1                 | 76.9                           |                                                     | 386,800 *b                                         |
| 19                    | 80.3                 | 76.7                           |                                                     | 367,400 *b                                         |
| 20                    | 79.5                 | 76.5                           |                                                     | 349,800 *b                                         |
| 22                    | 77.8                 | 76.0                           |                                                     | 319,000 *b                                         |
| 24                    | 76.1                 | 75.5                           |                                                     | 293,000 *b                                         |
| 26                    | 74.4                 | 74.9                           |                                                     | 270,700 *                                          |
| 28                    | 72.7                 | 74.2                           |                                                     | 251,400 *                                          |
| 30                    | 70.9                 | 73.5                           |                                                     | 234,400 *                                          |
| 32                    | 69.2                 | 72.7                           |                                                     | 219,000                                            |
| 34                    | 67.4                 | 71.8                           |                                                     | 199,600                                            |
| 36                    | 65.6                 | 70.9                           |                                                     | 183,200                                            |
| 38                    | 63.7                 | 69.8                           |                                                     | 169,100                                            |
| 40                    | 61.9                 | 68.7                           |                                                     | 156,900                                            |
| 42                    | 60.0                 | 67.5                           |                                                     | 146,200                                            |
| 44                    | 58.0                 | 66.2                           |                                                     | 136,800                                            |
| 46                    | 56.0                 | 64.8                           | 109,400                                             | 128,400                                            |
| 48                    | 54.0                 | 63.4                           | 103,100                                             | 120,900                                            |
| 50                    | 51.9                 | 61.7                           | 97,500                                              | 114,100                                            |
| 55                    | 46.3                 | 57.1                           | 85,500                                              | 99,800                                             |
| 60                    | 40.1                 | 51.4                           | 75,700                                              | 88,300                                             |
| 65                    | 32.9                 | 44.2                           | 67,700                                              | 78,900                                             |
| 70                    | 23.7                 | 34.1                           | 60,800                                              | 70,900                                             |
| <b>80 Ft. Boom</b>    |                      |                                |                                                     |                                                    |
| 17                    | 83.0                 | 87.2                           |                                                     | 405,400 *b                                         |
| 18                    | 82.3                 | 87.0                           |                                                     | 386,000 *b                                         |
| 19                    | 81.5                 | 86.9                           |                                                     | 366,700 *b                                         |
| 20                    | 80.8                 | 86.7                           |                                                     | 349,100 *b                                         |
| 22                    | 79.3                 | 86.3                           |                                                     | 318,300 *b                                         |
| 24                    | 77.9                 | 85.8                           |                                                     | 292,200 *b                                         |
| 26                    | 76.4                 | 85.3                           |                                                     | 270,000 *                                          |
| 28                    | 74.9                 | 84.7                           |                                                     | 250,600 *                                          |
| 30                    | 73.4                 | 84.1                           |                                                     | 233,700 *                                          |
| 32                    | 71.9                 | 83.4                           |                                                     | 218,800 *                                          |
| 34                    | 70.4                 | 82.7                           |                                                     | 199,800                                            |
| 36                    | 68.8                 | 81.9                           |                                                     | 183,400                                            |
| 38                    | 67.3                 | 81.0                           |                                                     | 169,300                                            |
| 40                    | 65.7                 | 80.0                           |                                                     | 157,000                                            |
| 42                    | 64.1                 | 79.0                           |                                                     | 146,300                                            |
| 44                    | 62.4                 | 78.0                           | 116,200                                             | 136,900                                            |
| 46                    | 60.8                 | 76.8                           | 109,300                                             | 128,500                                            |
| 48                    | 59.1                 | 75.6                           | 103,100                                             | 120,900                                            |
| 50                    | 57.4                 | 74.3                           | 97,400                                              | 114,200                                            |
| 55                    | 52.9                 | 70.6                           | 85,400                                              | 99,800                                             |
| 60                    | 48.2                 | 66.2                           | 75,700                                              | 88,300                                             |
| 65                    | 43.0                 | 61.0                           | 67,600                                              | 78,900                                             |
| 70                    | 37.3                 | 54.8                           | 60,900                                              | 71,000                                             |
| 75                    | 30.6                 | 46.9                           | 55,100                                              | 64,300                                             |
| 80                    | 22.0                 | 36.0                           | 50,000                                              | 58,500                                             |

| Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Boom<br>Point<br>Elev.<br>Feet | Boom<br>Capacity<br>Crawlers<br>Retracted<br>Pounds | Boom<br>Capacity<br>Crawlers<br>Extended<br>Pounds |
|-----------------------|----------------------|--------------------------------|-----------------------------------------------------|----------------------------------------------------|
| <b>90 Ft. Boom</b>    |                      |                                |                                                     |                                                    |
| 19                    | 82.5                 | 97.0                           |                                                     | 365,000 *b                                         |
| 20                    | 81.8                 | 96.8                           |                                                     | 348,600 *b                                         |
| 22                    | 80.5                 | 96.5                           |                                                     | 317,800 *b                                         |
| 24                    | 79.2                 | 96.1                           |                                                     | 291,800 *b                                         |
| 26                    | 77.9                 | 95.6                           |                                                     | 269,500 *                                          |
| 28                    | 76.6                 | 95.1                           |                                                     | 250,200 *                                          |
| 30                    | 75.3                 | 94.6                           |                                                     | 233,300 *                                          |
| 32                    | 74.0                 | 94.0                           |                                                     | 218,400 *                                          |
| 34                    | 72.6                 | 93.3                           |                                                     | 200,100                                            |
| 36                    | 71.3                 | 92.6                           |                                                     | 183,600                                            |
| 38                    | 69.9                 | 91.8                           |                                                     | 169,400                                            |
| 40                    | 68.6                 | 91.0                           |                                                     | 157,200                                            |
| 42                    | 67.2                 | 90.1                           | 124,000                                             | 146,400                                            |
| 44                    | 65.8                 | 89.2                           | 116,300                                             | 137,000                                            |
| 46                    | 64.3                 | 88.2                           | 109,300                                             | 128,500                                            |
| 48                    | 62.9                 | 87.2                           | 103,100                                             | 121,000                                            |
| 50                    | 61.4                 | 86.0                           | 97,400                                              | 114,200                                            |
| 55                    | 57.7                 | 82.9                           | 85,400                                              | 99,900                                             |
| 60                    | 53.8                 | 79.3                           | 75,700                                              | 88,400                                             |
| 65                    | 49.6                 | 75.2                           | 67,600                                              | 79,000                                             |
| 70                    | 45.2                 | 70.4                           | 60,900                                              | 71,100                                             |
| 75                    | 40.4                 | 64.7                           | 55,200                                              | 64,400                                             |
| 80                    | 35.0                 | 57.9                           | 50,200                                              | 58,700                                             |
| 85                    | 28.7                 | 49.4                           | 45,800                                              | 53,600                                             |
| 90                    | 20.7                 | 37.7                           | 41,900                                              | 49,200                                             |

# Liftcrane Boom Capacities

Meets  
ANSI B30.5  
Requirements

## 888 SERIES 2

**Boom No. 22EL**  
**179,100 Lb. Crane Counterweight**  
**44,000 Lb. Carbody Counterweight**  
**360 Degree Rating**

| Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Boom<br>Point<br>Elev.<br>Feet | Boom<br>Capacity<br>Crawlers<br>Retracted<br>Pounds | Boom<br>Capacity<br>Crawlers<br>Extended<br>Pounds |
|-----------------------|----------------------|--------------------------------|-----------------------------------------------------|----------------------------------------------------|
| <b>100 Ft. Boom</b>   |                      |                                |                                                     |                                                    |
| 20                    | 82.7                 | 107.0                          |                                                     | 348,200 *b                                         |
| 22                    | 81.5                 | 106.6                          |                                                     | 317,500 *b                                         |
| 24                    | 80.3                 | 106.3                          |                                                     | 291,500 *b                                         |
| 26                    | 79.2                 | 105.9                          |                                                     | 269,200 *                                          |
| 28                    | 78.0                 | 105.4                          |                                                     | 249,900 *                                          |
| 30                    | 76.8                 | 104.9                          |                                                     | 233,000 *                                          |
| 32                    | 75.6                 | 104.4                          |                                                     | 218,100 *                                          |
| 34                    | 74.4                 | 103.8                          |                                                     | 200,200                                            |
| 36                    | 73.2                 | 103.2                          |                                                     | 183,700                                            |
| 38                    | 72.0                 | 102.5                          |                                                     | 169,600                                            |
| 40                    | 70.8                 | 101.8                          |                                                     | 157,300                                            |
| 42                    | 69.6                 | 101.0                          | 124,100                                             | 146,600                                            |
| 44                    | 68.3                 | 100.2                          | 116,300                                             | 137,100                                            |
| 46                    | 67.1                 | 99.3                           | 109,400                                             | 128,600                                            |
| 48                    | 65.8                 | 98.4                           | 103,100                                             | 121,100                                            |
| 50                    | 64.6                 | 97.4                           | 97,500                                              | 114,300                                            |
| 55                    | 61.3                 | 94.7                           | 85,400                                              | 100,000                                            |
| 60                    | 57.9                 | 91.6                           | 75,700                                              | 88,500                                             |
| 65                    | 54.4                 | 88.1                           | 67,700                                              | 79,100                                             |
| 70                    | 50.8                 | 84.1                           | 61,000                                              | 71,200                                             |
| 75                    | 46.9                 | 79.5                           | 55,300                                              | 64,500                                             |
| 80                    | 42.7                 | 74.3                           | 50,300                                              | 58,800                                             |
| 85                    | 38.2                 | 68.1                           | 46,000                                              | 53,800                                             |
| 90                    | 33.1                 | 60.8                           | 42,200                                              | 49,400                                             |
| 95                    | 27.2                 | 51.7                           | 38,800                                              | 45,500                                             |
| 100                   | 19.5                 | 39.4                           | 35,700                                              | 42,000                                             |

| Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Boom<br>Point<br>Elev.<br>Feet | Boom<br>Capacity<br>Crawlers<br>Retracted<br>Pounds | Boom<br>Capacity<br>Crawlers<br>Extended<br>Pounds |
|-----------------------|----------------------|--------------------------------|-----------------------------------------------------|----------------------------------------------------|
| <b>110 Ft. Boom</b>   |                      |                                |                                                     |                                                    |
| 22                    | 82.3                 | 116.8                          |                                                     | 316,900 *                                          |
| 24                    | 81.2                 | 116.4                          |                                                     | 290,900 *                                          |
| 26                    | 80.2                 | 116.1                          |                                                     | 268,600 *                                          |
| 28                    | 79.1                 | 115.7                          |                                                     | 249,300 *                                          |
| 30                    | 78.0                 | 115.2                          |                                                     | 232,400 *                                          |
| 32                    | 77.0                 | 114.7                          |                                                     | 217,500 *                                          |
| 34                    | 75.9                 | 114.2                          |                                                     | 200,300                                            |
| 36                    | 74.8                 | 113.6                          |                                                     | 183,700                                            |
| 38                    | 73.7                 | 113.0                          |                                                     | 169,600                                            |
| 40                    | 72.6                 | 112.4                          | 132,800                                             | 157,300                                            |
| 42                    | 71.5                 | 111.7                          | 124,000                                             | 146,500                                            |
| 44                    | 70.4                 | 110.9                          | 116,200                                             | 137,000                                            |
| 46                    | 69.3                 | 110.2                          | 109,200                                             | 128,500                                            |
| 48                    | 68.2                 | 109.3                          | 103,000                                             | 121,000                                            |
| 50                    | 67.0                 | 108.5                          | 97,300                                              | 114,200                                            |
| 55                    | 64.1                 | 106.1                          | 85,200                                              | 99,800                                             |
| 60                    | 61.2                 | 103.4                          | 75,500                                              | 88,300                                             |
| 65                    | 58.1                 | 100.3                          | 67,500                                              | 78,900                                             |
| 70                    | 55.0                 | 96.8                           | 60,800                                              | 71,000                                             |
| 75                    | 51.7                 | 93.0                           | 55,000                                              | 64,300                                             |
| 80                    | 48.2                 | 88.6                           | 50,100                                              | 58,600                                             |
| 85                    | 44.5                 | 83.6                           | 45,800                                              | 53,600                                             |
| 90                    | 40.6                 | 77.9                           | 42,000                                              | 49,300                                             |
| 95                    | 36.3                 | 71.4                           | 38,600                                              | 45,400                                             |
| 100                   | 31.5                 | 63.6                           | 35,600                                              | 41,900                                             |
| 105                   | 25.8                 | 54.0                           | 32,800                                              | 38,800                                             |
| 110                   | 18.6                 | 40.9                           | 30,300                                              | 36,000                                             |



# Liftcrane Boom Capacities

Meets  
ANSI B30.5  
Requirements

## 888 SERIES 2

**Boom No. 22EL**  
**179,100 Lb. Crane Counterweight**  
**44,000 Lb. Carbody Counterweight**  
**360 Degree Rating**

| Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Boom<br>Point<br>Elev.<br>Feet | Boom<br>Capacity<br>Crawlers<br>Retracted<br>Pounds | Boom<br>Capacity<br>Crawlers<br>Extended<br>Pounds |
|-----------------------|----------------------|--------------------------------|-----------------------------------------------------|----------------------------------------------------|
| <b>120 Ft. Boom</b>   |                      |                                |                                                     |                                                    |
| 22                    | 82.9                 | 126.9                          |                                                     | 309,900 *                                          |
| 24                    | 82.0                 | 126.6                          |                                                     | 290,400 *                                          |
| 26                    | 81.0                 | 126.2                          |                                                     | 268,100 *                                          |
| 28                    | 80.0                 | 125.9                          |                                                     | 248,800 *                                          |
| 30                    | 79.1                 | 125.5                          |                                                     | 232,000 *                                          |
| 32                    | 78.1                 | 125.0                          |                                                     | 217,100 *                                          |
| 34                    | 77.1                 | 124.5                          |                                                     | 200,300                                            |
| 36                    | 76.1                 | 124.0                          |                                                     | 183,700                                            |
| 38                    | 75.1                 | 123.5                          | 142,600                                             | 169,500                                            |
| 40                    | 74.1                 | 122.9                          | 132,700                                             | 157,200                                            |
| 42                    | 73.1                 | 122.2                          | 123,900                                             | 146,400                                            |
| 44                    | 72.1                 | 121.6                          | 116,100                                             | 136,900                                            |
| 46                    | 71.1                 | 120.9                          | 109,100                                             | 128,500                                            |
| 48                    | 70.1                 | 120.1                          | 102,800                                             | 120,900                                            |
| 50                    | 69.1                 | 119.3                          | 97,200                                              | 114,100                                            |
| 55                    | 66.5                 | 117.2                          | 85,100                                              | 99,700                                             |
| 60                    | 63.8                 | 114.7                          | 75,400                                              | 88,200                                             |
| 65                    | 61.1                 | 112.0                          | 67,300                                              | 78,800                                             |
| 70                    | 58.3                 | 109.0                          | 60,600                                              | 70,900                                             |
| 75                    | 55.4                 | 105.6                          | 54,900                                              | 64,200                                             |
| 80                    | 52.4                 | 101.8                          | 50,000                                              | 58,500                                             |
| 85                    | 49.3                 | 97.5                           | 45,700                                              | 53,500                                             |
| 90                    | 46.0                 | 92.8                           | 41,900                                              | 49,200                                             |
| 95                    | 42.5                 | 87.5                           | 38,500                                              | 45,300                                             |
| 100                   | 38.7                 | 81.4                           | 35,500                                              | 41,900                                             |
| 105                   | 34.6                 | 74.4                           | 32,800                                              | 38,800                                             |
| 110                   | 30.0                 | 66.2                           | 30,400                                              | 36,000                                             |
| 115                   | 24.7                 | 56.1                           | 28,100                                              | 33,500                                             |
| 120                   | 17.7                 | 42.4                           | 26,000                                              | 31,100                                             |

| Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Boom<br>Point<br>Elev.<br>Feet | Boom<br>Capacity<br>Crawlers<br>Retracted<br>Pounds | Boom<br>Capacity<br>Crawlers<br>Extended<br>Pounds |
|-----------------------|----------------------|--------------------------------|-----------------------------------------------------|----------------------------------------------------|
| <b>130 Ft. Boom</b>   |                      |                                |                                                     |                                                    |
| 24                    | 82.6                 | 136.7                          |                                                     | 285,200 *                                          |
| 26                    | 81.7                 | 136.4                          |                                                     | 267,800 *                                          |
| 28                    | 80.8                 | 136.0                          |                                                     | 248,600 *                                          |
| 30                    | 79.9                 | 135.7                          |                                                     | 231,700 *                                          |
| 32                    | 79.0                 | 135.3                          |                                                     | 216,800 *                                          |
| 34                    | 78.1                 | 134.8                          |                                                     | 200,400                                            |
| 36                    | 77.2                 | 134.3                          | 154,100                                             | 183,800                                            |
| 38                    | 76.3                 | 133.8                          | 142,600                                             | 169,600                                            |
| 40                    | 75.4                 | 133.3                          | 132,700                                             | 157,300                                            |
| 42                    | 74.5                 | 132.7                          | 123,900                                             | 146,500                                            |
| 44                    | 73.5                 | 132.1                          | 116,100                                             | 137,000                                            |
| 46                    | 72.6                 | 131.5                          | 109,100                                             | 128,500                                            |
| 48                    | 71.7                 | 130.8                          | 102,800                                             | 120,900                                            |
| 50                    | 70.7                 | 130.1                          | 97,100                                              | 114,100                                            |
| 55                    | 68.4                 | 128.1                          | 85,100                                              | 99,700                                             |
| 60                    | 66.0                 | 125.9                          | 75,300                                              | 88,200                                             |
| 65                    | 63.5                 | 123.4                          | 67,300                                              | 78,800                                             |
| 70                    | 61.0                 | 120.7                          | 60,600                                              | 70,900                                             |
| 75                    | 58.4                 | 117.6                          | 54,900                                              | 64,200                                             |
| 80                    | 55.8                 | 114.3                          | 49,900                                              | 58,500                                             |
| 85                    | 53.0                 | 110.6                          | 45,600                                              | 53,500                                             |
| 90                    | 50.2                 | 106.5                          | 41,900                                              | 49,200                                             |
| 95                    | 47.2                 | 101.9                          | 38,500                                              | 45,300                                             |
| 100                   | 44.0                 | 96.8                           | 35,500                                              | 41,900                                             |
| 105                   | 40.7                 | 91.2                           | 32,800                                              | 38,800                                             |
| 110                   | 37.1                 | 84.8                           | 30,400                                              | 36,100                                             |
| 115                   | 33.2                 | 77.4                           | 28,200                                              | 33,500                                             |
| 120                   | 28.8                 | 68.7                           | 26,100                                              | 31,200                                             |
| 125                   | 23.6                 | 58.1                           | 24,300                                              | 29,100                                             |
| 130                   | 17.0                 | 43.8                           | 22,500                                              | 27,100                                             |

# Liftcrane Boom Capacities

Meets  
ANSI B30.5  
Requirements

## 888 SERIES 2

Boom No. 22EL

179,100 Lb. Crane Counterweight

44,000 Lb. Carbody Counterweight

360 Degree Rating

| Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Boom<br>Point<br>Elev.<br>Feet | Boom<br>Capacity<br>Crawlers<br>Retracted<br>Pounds | Boom<br>Capacity<br>Crawlers<br>Extended<br>Pounds |
|-----------------------|----------------------|--------------------------------|-----------------------------------------------------|----------------------------------------------------|
| 140 Ft. Boom          |                      |                                |                                                     |                                                    |
| 26                    | 82.3                 | 146.5                          |                                                     | 267,300 *                                          |
| 28                    | 81.5                 | 146.2                          |                                                     | 248,000 *                                          |
| 30                    | 80.6                 | 145.8                          |                                                     | 231,200 *                                          |
| 32                    | 79.8                 | 145.5                          |                                                     | 216,300 *                                          |
| 34                    | 79.0                 | 145.1                          | 167,100                                             | 200,300                                            |
| 36                    | 78.1                 | 144.6                          | 153,900                                             | 183,700                                            |
| 38                    | 77.3                 | 144.1                          | 142,500                                             | 169,400                                            |
| 40                    | 76.4                 | 143.6                          | 132,500                                             | 157,100                                            |
| 42                    | 75.6                 | 143.1                          | 123,700                                             | 146,300                                            |
| 44                    | 74.7                 | 142.5                          | 115,900                                             | 136,800                                            |
| 46                    | 73.9                 | 141.9                          | 108,900                                             | 128,300                                            |
| 48                    | 73.0                 | 141.3                          | 102,600                                             | 120,700                                            |
| 50                    | 72.2                 | 140.7                          | 96,900                                              | 113,900                                            |
| 55                    | 70.0                 | 138.9                          | 84,900                                              | 99,500                                             |
| 60                    | 67.8                 | 136.8                          | 75,100                                              | 88,000                                             |
| 65                    | 65.5                 | 134.6                          | 67,100                                              | 78,500                                             |
| 70                    | 63.3                 | 132.1                          | 60,400                                              | 70,700                                             |
| 75                    | 60.9                 | 129.3                          | 54,600                                              | 64,000                                             |
| 80                    | 58.5                 | 126.3                          | 49,700                                              | 58,300                                             |
| 85                    | 56.1                 | 123.0                          | 45,400                                              | 53,300                                             |
| 90                    | 53.5                 | 119.3                          | 41,600                                              | 49,000                                             |
| 95                    | 50.9                 | 115.3                          | 38,300                                              | 45,100                                             |
| 100                   | 48.2                 | 110.9                          | 35,300                                              | 41,700                                             |
| 105                   | 45.3                 | 106.1                          | 32,600                                              | 38,600                                             |
| 110                   | 42.3                 | 100.7                          | 30,200                                              | 35,900                                             |
| 115                   | 39.1                 | 94.7                           | 28,000                                              | 33,400                                             |
| 120                   | 35.7                 | 87.9                           | 26,000                                              | 31,100                                             |
| 125                   | 31.9                 | 80.2                           | 24,100                                              | 29,000                                             |
| 130                   | 27.7                 | 71.2                           | 22,400                                              | 27,000                                             |
| 135                   | 22.7                 | 60.1                           | 20,800                                              | 25,200                                             |
| 140                   | 16.3                 | 45.2                           | 19,300                                              | 23,500                                             |

| Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Boom<br>Point<br>Elev.<br>Feet | Boom<br>Capacity<br>Crawlers<br>Retracted<br>Pounds | Boom<br>Capacity<br>Crawlers<br>Extended<br>Pounds |
|-----------------------|----------------------|--------------------------------|-----------------------------------------------------|----------------------------------------------------|
| 150 Ft. Boom          |                      |                                |                                                     |                                                    |
| 26                    | 82.8                 | 156.6                          |                                                     | 244,200 *                                          |
| 28                    | 82.0                 | 156.3                          |                                                     | 238,700 *                                          |
| 30                    | 81.3                 | 156.0                          |                                                     | 230,500 *                                          |
| 32                    | 80.5                 | 155.6                          |                                                     | 215,600 *                                          |
| 34                    | 79.7                 | 155.3                          | 166,900                                             | 200,200                                            |
| 36                    | 78.9                 | 154.8                          | 153,700                                             | 183,600                                            |
| 38                    | 78.2                 | 154.4                          | 142,300                                             | 169,300                                            |
| 40                    | 77.4                 | 153.9                          | 132,300                                             | 157,000                                            |
| 42                    | 76.6                 | 153.5                          | 123,400                                             | 146,100                                            |
| 44                    | 75.8                 | 152.9                          | 115,600                                             | 136,600                                            |
| 46                    | 75.0                 | 152.4                          | 108,600                                             | 128,100                                            |
| 48                    | 74.2                 | 151.8                          | 102,300                                             | 120,500                                            |
| 50                    | 73.4                 | 151.2                          | 96,600                                              | 113,700                                            |
| 55                    | 71.4                 | 149.5                          | 84,500                                              | 99,200                                             |
| 60                    | 69.4                 | 147.6                          | 74,800                                              | 87,700                                             |
| 65                    | 67.3                 | 145.6                          | 66,700                                              | 78,200                                             |
| 70                    | 65.2                 | 143.3                          | 60,000                                              | 70,300                                             |
| 75                    | 63.0                 | 140.8                          | 54,200                                              | 63,700                                             |
| 80                    | 60.9                 | 138.0                          | 49,300                                              | 57,900                                             |
| 85                    | 58.6                 | 135.0                          | 45,000                                              | 53,000                                             |
| 90                    | 56.3                 | 131.7                          | 41,200                                              | 48,600                                             |
| 95                    | 54.0                 | 128.1                          | 37,900                                              | 44,800                                             |
| 100                   | 51.6                 | 124.2                          | 34,900                                              | 41,300                                             |
| 105                   | 49.1                 | 119.9                          | 32,200                                              | 38,300                                             |
| 110                   | 46.4                 | 115.2                          | 29,800                                              | 35,500                                             |
| 115                   | 43.7                 | 110.1                          | 27,600                                              | 33,000                                             |
| 120                   | 40.8                 | 104.4                          | 25,600                                              | 30,700                                             |
| 125                   | 37.7                 | 98.1                           | 23,700                                              | 28,600                                             |
| 130                   | 34.4                 | 91.0                           | 22,000                                              | 26,700                                             |
| 135                   | 30.8                 | 82.9                           | 20,500                                              | 24,900                                             |
| 140                   | 26.7                 | 73.5                           | 19,000                                              | 23,200                                             |
| 145                   | 21.9                 | 62.0                           | 17,600                                              | 21,700                                             |
| 150                   | 15.7                 | 46.5                           | 16,300                                              | 20,200                                             |



# Liftcrane Boom Capacities

Meets  
ANSI B30.5  
Requirements

## 888 SERIES 2

**Boom No. 22EL**  
**179,100 Lb. Crane Counterweight**  
**44,000 Lb. Carbody Counterweight**  
**360 Degree Rating**

| Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Boom<br>Point<br>Elev.<br>Feet | Boom<br>Capacity<br>Crawlers<br>Retracted<br>Pounds | Boom<br>Capacity<br>Crawlers<br>Extended<br>Pounds |
|-----------------------|----------------------|--------------------------------|-----------------------------------------------------|----------------------------------------------------|
| <b>160 Ft. Boom</b>   |                      |                                |                                                     |                                                    |
| 28                    | 82.5                 | 166.4                          |                                                     | 228,900 *                                          |
| 30                    | 81.8                 | 166.1                          |                                                     | 223,800 *                                          |
| 32                    | 81.1                 | 165.8                          | 182,200                                             | 215,000 *                                          |
| 34                    | 80.4                 | 165.4                          | 166,700                                             | 200,100                                            |
| 36                    | 79.6                 | 165.1                          | 153,500                                             | 183,400                                            |
| 38                    | 78.9                 | 164.6                          | 142,000                                             | 169,100                                            |
| 40                    | 78.2                 | 164.2                          | 132,000                                             | 156,700                                            |
| 42                    | 77.4                 | 163.7                          | 123,200                                             | 145,900                                            |
| 44                    | 76.7                 | 163.3                          | 115,300                                             | 136,400                                            |
| 46                    | 76.0                 | 162.7                          | 108,300                                             | 127,900                                            |
| 48                    | 75.2                 | 162.2                          | 102,000                                             | 120,300                                            |
| 50                    | 74.5                 | 161.6                          | 96,300                                              | 113,400                                            |
| 55                    | 72.6                 | 160.1                          | 84,200                                              | 99,000                                             |
| 60                    | 70.7                 | 158.3                          | 74,500                                              | 87,400                                             |
| 65                    | 68.8                 | 156.4                          | 66,400                                              | 77,900                                             |
| 70                    | 66.8                 | 154.3                          | 59,700                                              | 70,000                                             |
| 75                    | 64.9                 | 152.0                          | 53,900                                              | 63,400                                             |
| 80                    | 62.9                 | 149.4                          | 49,000                                              | 57,600                                             |
| 85                    | 60.8                 | 146.7                          | 44,700                                              | 52,700                                             |
| 90                    | 58.7                 | 143.6                          | 40,900                                              | 48,300                                             |
| 95                    | 56.6                 | 140.4                          | 37,600                                              | 44,500                                             |
| 100                   | 54.4                 | 136.8                          | 34,600                                              | 41,000                                             |
| 105                   | 52.1                 | 133.0                          | 31,900                                              | 38,000                                             |
| 110                   | 49.8                 | 128.8                          | 29,500                                              | 35,200                                             |
| 115                   | 47.4                 | 124.3                          | 27,300                                              | 32,700                                             |
| 120                   | 44.9                 | 119.3                          | 25,300                                              | 30,400                                             |
| 125                   | 42.2                 | 113.9                          | 23,400                                              | 28,300                                             |
| 130                   | 39.4                 | 108.0                          | 21,800                                              | 26,400                                             |
| 135                   | 36.5                 | 101.4                          | 20,200                                              | 24,600                                             |
| 140                   | 33.3                 | 94.0                           | 18,700                                              | 23,000                                             |
| 145                   | 29.8                 | 85.6                           | 17,400                                              | 21,500                                             |
| 150                   | 25.8                 | 75.7                           | 16,100                                              | 20,000                                             |
| 155                   | 21.2                 | 63.8                           | 14,900                                              | 18,700                                             |
| 160                   | 15.2                 | 47.8                           | 13,800                                              | 17,400                                             |

| Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Boom<br>Point<br>Elev.<br>Feet | Boom<br>Capacity<br>Crawlers<br>Retracted<br>Pounds | Boom<br>Capacity<br>Crawlers<br>Extended<br>Pounds |
|-----------------------|----------------------|--------------------------------|-----------------------------------------------------|----------------------------------------------------|
| <b>170 Ft. Boom</b>   |                      |                                |                                                     |                                                    |
| 28                    | 83.0                 | 176.5                          |                                                     | 213,500 *                                          |
| 30                    | 82.3                 | 176.2                          | 200,500                                             | 209,400 *                                          |
| 32                    | 81.6                 | 175.9                          | 182,100                                             | 205,400 *                                          |
| 34                    | 80.9                 | 175.6                          | 166,600                                             | 200,000                                            |
| 36                    | 80.3                 | 175.2                          | 153,400                                             | 183,300                                            |
| 38                    | 79.6                 | 174.9                          | 141,900                                             | 169,000                                            |
| 40                    | 78.9                 | 174.4                          | 131,900                                             | 156,600                                            |
| 42                    | 78.2                 | 174.0                          | 123,000                                             | 145,800                                            |
| 44                    | 77.5                 | 173.6                          | 115,200                                             | 136,200                                            |
| 46                    | 76.8                 | 173.1                          | 108,200                                             | 127,700                                            |
| 48                    | 76.1                 | 172.6                          | 101,900                                             | 120,100                                            |
| 50                    | 75.4                 | 172.0                          | 96,200                                              | 113,300                                            |
| 55                    | 73.7                 | 170.6                          | 84,100                                              | 98,800                                             |
| 60                    | 71.9                 | 168.9                          | 74,300                                              | 87,200                                             |
| 65                    | 70.1                 | 167.1                          | 66,200                                              | 77,800                                             |
| 70                    | 68.3                 | 165.2                          | 59,500                                              | 69,900                                             |
| 75                    | 66.4                 | 163.0                          | 53,800                                              | 63,200                                             |
| 80                    | 64.6                 | 160.6                          | 48,800                                              | 57,500                                             |
| 85                    | 62.7                 | 158.1                          | 44,500                                              | 52,500                                             |
| 90                    | 60.8                 | 155.3                          | 40,700                                              | 48,100                                             |
| 95                    | 58.8                 | 152.3                          | 37,400                                              | 44,300                                             |
| 100                   | 56.8                 | 149.1                          | 34,400                                              | 40,900                                             |
| 105                   | 54.7                 | 145.6                          | 31,700                                              | 37,800                                             |
| 110                   | 52.6                 | 141.8                          | 29,300                                              | 35,000                                             |
| 115                   | 50.4                 | 137.7                          | 27,100                                              | 32,500                                             |
| 120                   | 48.2                 | 133.3                          | 25,100                                              | 30,300                                             |
| 125                   | 45.9                 | 128.5                          | 23,300                                              | 28,200                                             |
| 130                   | 43.4                 | 123.3                          | 21,600                                              | 26,300                                             |
| 135                   | 40.9                 | 117.6                          | 20,000                                              | 24,500                                             |
| 140                   | 38.2                 | 111.4                          | 18,600                                              | 22,900                                             |
| 145                   | 35.3                 | 104.5                          | 17,200                                              | 21,300                                             |
| 150                   | 32.2                 | 96.8                           | 16,000                                              | 19,900                                             |
| 155                   | 28.8                 | 88.1                           | 14,800                                              | 18,600                                             |
| 160                   | 25.0                 | 77.9                           | 13,700                                              | 17,300                                             |
| 165                   | 20.5                 | 65.6                           | 12,600                                              | 16,200                                             |

# Liftcrane Boom Capacities

Meets  
ANSI B30.5  
Requirements

## 888 SERIES 2

Boom No. 22EL

179,100 Lb. Crane Counterweight

44,000 Lb. Carbody Counterweight

360 Degree Rating

| Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Boom<br>Point<br>Elev.<br>Feet | Boom<br>Capacity<br>Crawlers<br>Retracted<br>Pounds | Boom<br>Capacity<br>Crawlers<br>Extended<br>Pounds |
|-----------------------|----------------------|--------------------------------|-----------------------------------------------------|----------------------------------------------------|
| <b>180 Ft. Boom</b>   |                      |                                |                                                     |                                                    |
| 30                    | 82.7                 | 186.3                          | 199,200 *                                           | 199,200 *                                          |
| 32                    | 82.1                 | 186.0                          | 181,900                                             | 195,500 *                                          |
| 34                    | 81.4                 | 185.7                          | 166,400                                             | 191,800 *                                          |
| 36                    | 80.8                 | 185.4                          | 153,100                                             | 183,100                                            |
| 38                    | 80.2                 | 185.0                          | 141,600                                             | 168,800                                            |
| 40                    | 79.5                 | 184.6                          | 131,600                                             | 156,400                                            |
| 42                    | 78.9                 | 184.2                          | 122,700                                             | 145,500                                            |
| 44                    | 78.2                 | 183.8                          | 114,900                                             | 136,000                                            |
| 46                    | 77.6                 | 183.4                          | 107,900                                             | 127,500                                            |
| 48                    | 76.9                 | 182.9                          | 101,600                                             | 119,800                                            |
| 50                    | 76.2                 | 182.4                          | 95,900                                              | 113,000                                            |
| 55                    | 74.6                 | 181.0                          | 83,700                                              | 98,500                                             |
| 60                    | 72.9                 | 179.5                          | 74,000                                              | 86,900                                             |
| 65                    | 71.2                 | 177.8                          | 65,900                                              | 77,500                                             |
| 70                    | 69.5                 | 175.9                          | 59,200                                              | 69,500                                             |
| 75                    | 67.8                 | 173.9                          | 53,400                                              | 62,900                                             |
| 80                    | 66.1                 | 171.7                          | 48,500                                              | 57,100                                             |
| 85                    | 64.3                 | 169.3                          | 44,200                                              | 52,100                                             |
| 90                    | 62.5                 | 166.8                          | 40,400                                              | 47,800                                             |
| 95                    | 60.7                 | 164.0                          | 37,000                                              | 43,900                                             |
| 100                   | 58.9                 | 161.0                          | 34,100                                              | 40,500                                             |
| 105                   | 57.0                 | 157.8                          | 31,400                                              | 37,500                                             |
| 110                   | 55.0                 | 154.3                          | 29,000                                              | 34,700                                             |
| 115                   | 53.0                 | 150.6                          | 26,800                                              | 32,200                                             |
| 120                   | 51.0                 | 146.6                          | 24,800                                              | 29,900                                             |
| 125                   | 48.9                 | 142.3                          | 22,900                                              | 27,800                                             |
| 130                   | 46.7                 | 137.6                          | 21,300                                              | 25,900                                             |
| 135                   | 44.5                 | 132.6                          | 19,700                                              | 24,200                                             |
| 140                   | 42.1                 | 127.1                          | 18,300                                              | 22,500                                             |
| 145                   | 39.7                 | 121.2                          | 16,900                                              | 21,000                                             |
| 150                   | 37.1                 | 114.7                          | 15,700                                              | 19,600                                             |
| 155                   | 34.3                 | 107.6                          | 14,500                                              | 18,300                                             |
| 160                   | 31.3                 | 99.6                           | 13,400                                              | 17,100                                             |
| 165                   | 28.0                 | 90.6                           | 12,400                                              | 15,900                                             |
| 170                   | 24.3                 | 80.0                           | 11,400                                              | 14,800                                             |
| 175                   | 19.9                 | 67.3                           | 10,500                                              | 13,800                                             |

| Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Boom<br>Point<br>Elev.<br>Feet | Boom<br>Capacity<br>Crawlers<br>Retracted<br>Pounds | Boom<br>Capacity<br>Crawlers<br>Extended<br>Pounds |
|-----------------------|----------------------|--------------------------------|-----------------------------------------------------|----------------------------------------------------|
| <b>190 Ft. Boom</b>   |                      |                                |                                                     |                                                    |
| 32                    | 82.5                 | 196.2                          | 181,000 *                                           | 181,000 *                                          |
| 34                    | 81.9                 | 195.9                          | 166,200                                             | 178,000 *                                          |
| 36                    | 81.3                 | 195.5                          | 152,900                                             | 175,000 *                                          |
| 38                    | 80.7                 | 195.2                          | 141,400                                             | 168,700                                            |
| 40                    | 80.1                 | 194.8                          | 131,300                                             | 156,200                                            |
| 42                    | 79.4                 | 194.4                          | 122,500                                             | 145,300                                            |
| 44                    | 78.8                 | 194.0                          | 114,600                                             | 135,800                                            |
| 46                    | 78.2                 | 193.6                          | 107,600                                             | 127,200                                            |
| 48                    | 77.6                 | 193.2                          | 101,300                                             | 119,600                                            |
| 50                    | 77.0                 | 192.7                          | 95,500                                              | 112,700                                            |
| 55                    | 75.4                 | 191.4                          | 83,400                                              | 98,200                                             |
| 60                    | 73.9                 | 189.9                          | 73,600                                              | 86,600                                             |
| 65                    | 72.3                 | 188.4                          | 65,500                                              | 77,100                                             |
| 70                    | 70.7                 | 186.6                          | 58,800                                              | 69,200                                             |
| 75                    | 69.1                 | 184.7                          | 53,000                                              | 62,500                                             |
| 80                    | 67.4                 | 182.7                          | 48,000                                              | 56,700                                             |
| 85                    | 65.8                 | 180.4                          | 43,700                                              | 51,700                                             |
| 90                    | 64.1                 | 178.0                          | 39,900                                              | 47,400                                             |
| 95                    | 62.4                 | 175.4                          | 36,600                                              | 43,500                                             |
| 100                   | 60.7                 | 172.6                          | 33,600                                              | 40,100                                             |
| 105                   | 58.9                 | 169.6                          | 30,900                                              | 37,000                                             |
| 110                   | 57.1                 | 166.4                          | 28,500                                              | 34,300                                             |
| 115                   | 55.3                 | 163.0                          | 26,300                                              | 31,800                                             |
| 120                   | 53.4                 | 159.3                          | 24,300                                              | 29,500                                             |
| 125                   | 51.5                 | 155.4                          | 22,500                                              | 27,400                                             |
| 130                   | 49.5                 | 151.2                          | 20,800                                              | 25,500                                             |
| 135                   | 47.5                 | 146.7                          | 19,200                                              | 23,700                                             |
| 140                   | 45.4                 | 141.8                          | 17,800                                              | 22,100                                             |
| 145                   | 43.2                 | 136.5                          | 16,500                                              | 20,600                                             |
| 150                   | 40.9                 | 130.9                          | 15,200                                              | 19,200                                             |
| 155                   | 38.5                 | 124.7                          | 14,000                                              | 17,900                                             |
| 160                   | 36.0                 | 118.0                          | 13,000                                              | 16,600                                             |
| 165                   | 33.3                 | 110.6                          | 11,900                                              | 15,500                                             |
| 170                   | 30.4                 | 102.3                          | 11,000                                              | 14,400                                             |
| 175                   | 27.2                 | 93.0                           | 10,000                                              | 13,300                                             |
| 180                   | 23.6                 | 82.1                           | 9,200                                               | 12,400                                             |
| 185                   | 19.4                 | 68.9                           | 8,300                                               | 11,400                                             |



# Liftcrane Boom Capacities

Meets  
ANSI B30.5  
Requirements

## 888 SERIES 2

**Boom No. 22EL**  
**179,100 Lb. Crane Counterweight**  
**44,000 Lb. Carbody Counterweight**  
**360 Degree Rating**

| Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Boom<br>Point<br>Elev.<br>Feet | Boom<br>Capacity<br>Crawlers<br>Retracted<br>Pounds | Boom<br>Capacity<br>Crawlers<br>Extended<br>Pounds |
|-----------------------|----------------------|--------------------------------|-----------------------------------------------------|----------------------------------------------------|
| <b>200 Ft. Boom</b>   |                      |                                |                                                     |                                                    |
| 32                    | 82.9                 | 206.3                          | 171,000 *                                           | 171,000 *                                          |
| 34                    | 82.3                 | 206.0                          | 165,900                                             | 168,200 *                                          |
| 36                    | 81.7                 | 205.7                          | 152,600                                             | 165,400 *                                          |
| 38                    | 81.1                 | 205.3                          | 141,100                                             | 162,600 *                                          |
| 40                    | 80.6                 | 205.0                          | 131,000                                             | 155,900                                            |
| 42                    | 80.0                 | 204.6                          | 122,200                                             | 145,000                                            |
| 44                    | 79.4                 | 204.2                          | 114,300                                             | 135,400                                            |
| 46                    | 78.8                 | 203.8                          | 107,200                                             | 126,900                                            |
| 48                    | 78.2                 | 203.4                          | 100,900                                             | 119,300                                            |
| 50                    | 77.6                 | 203.0                          | 95,200                                              | 112,400                                            |
| 55                    | 76.2                 | 201.7                          | 83,000                                              | 97,900                                             |
| 60                    | 74.7                 | 200.4                          | 73,200                                              | 86,200                                             |
| 65                    | 73.2                 | 198.9                          | 65,100                                              | 76,700                                             |
| 70                    | 71.7                 | 197.2                          | 58,400                                              | 68,800                                             |
| 75                    | 70.2                 | 195.4                          | 52,600                                              | 62,100                                             |
| 80                    | 68.6                 | 193.5                          | 47,700                                              | 56,300                                             |
| 85                    | 67.1                 | 191.4                          | 43,300                                              | 51,400                                             |
| 90                    | 65.5                 | 189.1                          | 39,600                                              | 47,000                                             |
| 95                    | 63.9                 | 186.7                          | 36,200                                              | 43,100                                             |
| 100                   | 62.3                 | 184.1                          | 33,200                                              | 39,700                                             |
| 105                   | 60.6                 | 181.3                          | 30,500                                              | 36,600                                             |
| 110                   | 59.0                 | 178.3                          | 28,100                                              | 33,900                                             |
| 115                   | 57.3                 | 175.1                          | 25,900                                              | 31,400                                             |
| 120                   | 55.5                 | 171.7                          | 23,900                                              | 29,100                                             |
| 125                   | 53.8                 | 168.1                          | 22,100                                              | 27,000                                             |
| 130                   | 52.0                 | 164.2                          | 20,400                                              | 25,100                                             |
| 135                   | 50.1                 | 160.1                          | 18,800                                              | 23,300                                             |
| 140                   | 48.2                 | 155.6                          | 17,400                                              | 21,700                                             |
| 145                   | 46.2                 | 150.9                          | 16,100                                              | 20,200                                             |
| 150                   | 44.2                 | 145.8                          | 14,800                                              | 18,800                                             |
| 155                   | 42.1                 | 140.4                          | 13,700                                              | 17,500                                             |
| 160                   | 39.8                 | 134.5                          | 12,600                                              | 16,300                                             |
| 165                   | 37.5                 | 128.1                          | 11,600                                              | 15,100                                             |
| 170                   | 35.1                 | 121.1                          | 10,600                                              | 14,000                                             |
| 175                   | 32.4                 | 113.4                          | 9,700                                               | 13,000                                             |
| 180                   | 29.6                 | 104.9                          | 8,800                                               | 12,000                                             |
| 185                   | 26.5                 | 95.3                           | 8,000                                               | 11,100                                             |
| 190                   | 23.0                 | 84.1                           | 7,200                                               | 10,200                                             |
| 195                   | 18.9                 | 70.6                           | 6,500                                               | 9,400                                              |

| Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Boom<br>Point<br>Elev.<br>Feet | Boom<br>Capacity<br>Crawlers<br>Retracted<br>Pounds | Boom<br>Capacity<br>Crawlers<br>Extended<br>Pounds |
|-----------------------|----------------------|--------------------------------|-----------------------------------------------------|----------------------------------------------------|
| <b>210 Ft. Boom</b>   |                      |                                |                                                     |                                                    |
| 34                    | 82.7                 | 216.1                          | 158,700 *                                           | 158,700 *                                          |
| 36                    | 82.1                 | 215.8                          | 152,400                                             | 156,400 *                                          |
| 38                    | 81.6                 | 215.5                          | 140,900                                             | 154,100 *                                          |
| 40                    | 81.0                 | 215.1                          | 130,800                                             | 151,800 *                                          |
| 42                    | 80.5                 | 214.8                          | 121,900                                             | 144,800                                            |
| 44                    | 79.9                 | 214.4                          | 114,000                                             | 135,200                                            |
| 46                    | 79.4                 | 214.0                          | 107,000                                             | 126,700                                            |
| 48                    | 78.8                 | 213.6                          | 100,700                                             | 119,000                                            |
| 50                    | 78.2                 | 213.2                          | 94,900                                              | 112,200                                            |
| 55                    | 76.8                 | 212.0                          | 82,800                                              | 97,600                                             |
| 60                    | 75.4                 | 210.8                          | 73,000                                              | 86,000                                             |
| 65                    | 74.0                 | 209.3                          | 64,900                                              | 76,500                                             |
| 70                    | 72.6                 | 207.8                          | 58,100                                              | 68,600                                             |
| 75                    | 71.1                 | 206.1                          | 52,300                                              | 61,800                                             |
| 80                    | 69.7                 | 204.2                          | 47,400                                              | 56,100                                             |
| 85                    | 68.2                 | 202.2                          | 43,100                                              | 51,100                                             |
| 90                    | 66.7                 | 200.1                          | 39,300                                              | 46,700                                             |
| 95                    | 65.2                 | 197.8                          | 35,900                                              | 42,900                                             |
| 100                   | 63.7                 | 195.4                          | 32,900                                              | 39,400                                             |
| 105                   | 62.2                 | 192.7                          | 30,200                                              | 36,400                                             |
| 110                   | 60.6                 | 189.9                          | 27,800                                              | 33,600                                             |
| 115                   | 59.0                 | 187.0                          | 25,600                                              | 31,100                                             |
| 120                   | 57.4                 | 183.8                          | 23,600                                              | 28,800                                             |
| 125                   | 55.8                 | 180.4                          | 21,800                                              | 26,700                                             |
| 130                   | 54.1                 | 176.8                          | 20,100                                              | 24,800                                             |
| 135                   | 52.4                 | 173.0                          | 18,600                                              | 23,100                                             |
| 140                   | 50.6                 | 168.9                          | 17,100                                              | 21,400                                             |
| 145                   | 48.8                 | 164.6                          | 15,800                                              | 19,900                                             |
| 150                   | 46.9                 | 160.0                          | 14,600                                              | 18,500                                             |
| 155                   | 45.0                 | 155.1                          | 13,400                                              | 17,200                                             |
| 160                   | 43.0                 | 149.8                          | 12,300                                              | 16,000                                             |
| 165                   | 41.0                 | 144.1                          | 11,300                                              | 14,900                                             |
| 170                   | 38.8                 | 138.0                          | 10,300                                              | 13,800                                             |
| 175                   | 36.6                 | 131.4                          | 9,400                                               | 12,800                                             |
| 180                   | 34.2                 | 124.2                          | 8,600                                               | 11,800                                             |
| 185                   | 31.6                 | 116.3                          | 7,800                                               | 10,900                                             |
| 190                   | 28.9                 | 107.5                          | 7,000                                               | 10,000                                             |
| 195                   | 25.8                 | 97.5                           | 6,300                                               | 9,200                                              |
| 200                   | 22.4                 | 86.0                           | 5,600                                               | 8,400                                              |
| 205                   | 18.4                 | 72.1                           | 4,900                                               | 7,700                                              |





# Liftcrane Boom Capacities

Meets  
ANSI B30.5  
Requirements

## 888 SERIES 2

Boom No. 22EL

179,100 Lb. Crane Counterweight

44,000 Lb. Carbody Counterweight

360 Degree Rating

| Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Boom<br>Point<br>Elev.<br>Feet | Boom<br>Capacity<br>Crawlers<br>Retracted<br>Pounds | Boom<br>Capacity<br>Crawlers<br>Extended<br>Pounds |
|-----------------------|----------------------|--------------------------------|-----------------------------------------------------|----------------------------------------------------|
| 220 Ft. Boom          |                      |                                |                                                     |                                                    |
| 34                    | 83.0                 | 226.2                          | 147,500 *                                           | 147,500 *                                          |
| 36                    | 82.5                 | 225.9                          | 146,600 *                                           | 146,600 *                                          |
| 38                    | 82.0                 | 225.6                          | 140,500                                             | 144,500 *                                          |
| 40                    | 81.4                 | 225.3                          | 130,500                                             | 142,400 *                                          |
| 42                    | 80.9                 | 224.9                          | 121,600                                             | 140,200 *                                          |
| 44                    | 80.4                 | 224.6                          | 113,700                                             | 134,900                                            |
| 46                    | 79.8                 | 224.2                          | 106,700                                             | 126,400                                            |
| 48                    | 79.3                 | 223.8                          | 100,300                                             | 118,700                                            |
| 50                    | 78.8                 | 223.4                          | 94,600                                              | 111,800                                            |
| 55                    | 77.5                 | 222.3                          | 82,400                                              | 97,300                                             |
| 60                    | 76.1                 | 221.1                          | 72,600                                              | 85,600                                             |
| 65                    | 74.8                 | 219.7                          | 64,500                                              | 76,100                                             |
| 70                    | 73.4                 | 218.3                          | 57,700                                              | 68,200                                             |
| 75                    | 72.0                 | 216.6                          | 51,900                                              | 61,500                                             |
| 80                    | 70.7                 | 214.9                          | 47,000                                              | 55,700                                             |
| 85                    | 69.3                 | 213.0                          | 42,700                                              | 50,700                                             |
| 90                    | 67.9                 | 211.0                          | 38,900                                              | 46,300                                             |
| 95                    | 66.4                 | 208.8                          | 35,500                                              | 42,500                                             |
| 100                   | 65.0                 | 206.5                          | 32,500                                              | 39,000                                             |
| 105                   | 63.6                 | 204.0                          | 29,800                                              | 36,000                                             |
| 110                   | 62.1                 | 201.4                          | 27,400                                              | 33,200                                             |
| 115                   | 60.6                 | 198.6                          | 25,200                                              | 30,700                                             |
| 120                   | 59.1                 | 195.6                          | 23,200                                              | 28,400                                             |
| 125                   | 57.5                 | 192.5                          | 21,400                                              | 26,300                                             |
| 130                   | 56.0                 | 189.1                          | 19,700                                              | 24,400                                             |
| 135                   | 54.4                 | 185.6                          | 18,200                                              | 22,700                                             |
| 140                   | 52.7                 | 181.8                          | 16,700                                              | 21,000                                             |
| 145                   | 51.1                 | 177.8                          | 15,400                                              | 19,500                                             |
| 150                   | 49.4                 | 173.5                          | 14,200                                              | 18,100                                             |
| 155                   | 47.6                 | 169.0                          | 13,000                                              | 16,800                                             |
| 160                   | 45.8                 | 164.2                          | 11,900                                              | 15,600                                             |
| 165                   | 43.9                 | 159.1                          | 10,900                                              | 14,500                                             |
| 170                   | 42.0                 | 153.6                          | 10,000                                              | 13,400                                             |
| 175                   | 40.0                 | 147.7                          | 9,100                                               | 12,400                                             |
| 180                   | 37.9                 | 141.4                          | 8,200                                               | 11,400                                             |
| 185                   | 35.7                 | 134.6                          | 7,400                                               | 10,500                                             |
| 190                   | 33.4                 | 127.1                          | 6,600                                               | 9,700                                              |
| 195                   | 30.9                 | 119.0                          | 5,900                                               | 8,800                                              |
| 200                   | 28.2                 | 110.0                          | 5,200                                               | 8,100                                              |
| 205                   | 25.2                 | 99.7                           | 4,600                                               | 7,300                                              |
| 210                   | 21.9                 | 87.9                           |                                                     | 6,600                                              |
| 215                   | 17.9                 | 73.7                           |                                                     | 5,900                                              |

| Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Boom<br>Point<br>Elev.<br>Feet | Boom<br>Capacity<br>Crawlers<br>Retracted<br>Pounds | Boom<br>Capacity<br>Crawlers<br>Extended<br>Pounds |
|-----------------------|----------------------|--------------------------------|-----------------------------------------------------|----------------------------------------------------|
| 230 Ft. Boom          |                      |                                |                                                     |                                                    |
| 36                    | 82.8                 | 236.0                          | 133,600 *                                           | 133,600 *                                          |
| 38                    | 82.3                 | 235.7                          | 133,300 *                                           | 133,300 *                                          |
| 40                    | 81.8                 | 235.4                          | 130,200                                             | 132,900 *                                          |
| 42                    | 81.3                 | 235.1                          | 121,300                                             | 131,500 *                                          |
| 44                    | 80.8                 | 234.7                          | 113,400                                             | 129,700 *                                          |
| 46                    | 80.3                 | 234.4                          | 106,400                                             | 126,100                                            |
| 48                    | 79.8                 | 234.0                          | 100,000                                             | 118,500                                            |
| 50                    | 79.3                 | 233.6                          | 94,300                                              | 111,500                                            |
| 55                    | 78.0                 | 232.6                          | 82,100                                              | 97,000                                             |
| 60                    | 76.7                 | 231.4                          | 72,200                                              | 85,300                                             |
| 65                    | 75.4                 | 230.1                          | 64,100                                              | 75,800                                             |
| 70                    | 74.1                 | 228.7                          | 57,300                                              | 67,800                                             |
| 75                    | 72.8                 | 227.2                          | 51,500                                              | 61,100                                             |
| 80                    | 71.5                 | 225.5                          | 46,500                                              | 55,300                                             |
| 85                    | 70.2                 | 223.7                          | 42,200                                              | 50,300                                             |
| 90                    | 68.9                 | 221.8                          | 38,400                                              | 45,900                                             |
| 95                    | 67.5                 | 219.7                          | 35,100                                              | 42,000                                             |
| 100                   | 66.2                 | 217.5                          | 32,100                                              | 38,600                                             |
| 105                   | 64.8                 | 215.2                          | 29,400                                              | 35,500                                             |
| 110                   | 63.4                 | 212.7                          | 27,000                                              | 32,700                                             |
| 115                   | 62.0                 | 210.1                          | 24,800                                              | 30,200                                             |
| 120                   | 60.6                 | 207.3                          | 22,700                                              | 28,000                                             |
| 125                   | 59.1                 | 204.3                          | 20,900                                              | 25,900                                             |
| 130                   | 57.6                 | 201.1                          | 19,200                                              | 24,000                                             |
| 135                   | 56.1                 | 197.8                          | 17,700                                              | 22,200                                             |
| 140                   | 54.6                 | 194.3                          | 16,200                                              | 20,600                                             |
| 145                   | 53.1                 | 190.6                          | 14,900                                              | 19,100                                             |
| 150                   | 51.5                 | 186.6                          | 13,700                                              | 17,700                                             |
| 155                   | 49.9                 | 182.4                          | 12,500                                              | 16,300                                             |
| 160                   | 48.2                 | 178.0                          | 11,400                                              | 15,100                                             |
| 165                   | 46.5                 | 173.3                          | 10,400                                              | 14,000                                             |
| 170                   | 44.7                 | 168.3                          | 9,500                                               | 12,900                                             |
| 175                   | 42.9                 | 163.0                          | 8,600                                               | 11,900                                             |
| 180                   | 41.0                 | 157.3                          | 7,700                                               | 10,900                                             |
| 185                   | 39.1                 | 151.3                          | 6,900                                               | 10,000                                             |
| 190                   | 37.0                 | 144.7                          | 6,100                                               | 9,200                                              |
| 195                   | 34.9                 | 137.7                          | 5,400                                               | 8,400                                              |
| 200                   | 32.6                 | 130.1                          | 4,700                                               | 7,600                                              |
| 205                   | 30.2                 | 121.7                          | 4,100                                               | 6,900                                              |
| 210                   | 27.5                 | 112.4                          |                                                     | 6,200                                              |
| 215                   | 24.6                 | 101.9                          |                                                     | 5,500                                              |
| 220                   | 21.4                 | 89.8                           |                                                     | 4,800                                              |
| 225                   | 17.5                 | 75.2                           |                                                     | 4,200                                              |



# Liftcrane Boom Capacities

Meets  
ANSI B30.5  
Requirements

## 888 SERIES 2

**Boom No. 22EL**
**179,100 Lb. Crane Counterweight**
**44,000 Lb. Carbody Counterweight**
**360 Degree Rating**

| Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Boom<br>Point<br>Elev.<br>Feet | Boom<br>Capacity<br>Crawlers<br>Retracted<br>Pounds | Boom<br>Capacity<br>Crawlers<br>Extended<br>Pounds |
|-----------------------|----------------------|--------------------------------|-----------------------------------------------------|----------------------------------------------------|
| <b>240 Ft. Boom</b>   |                      |                                |                                                     |                                                    |
| 38                    | 82.6                 | 245.8                          | 121,300 *                                           | 121,300 *                                          |
| 40                    | 82.2                 | 245.5                          | 121,000 *                                           | 121,000 *                                          |
| 42                    | 81.7                 | 245.2                          | 120,700 *                                           | 120,700 *                                          |
| 44                    | 81.2                 | 244.9                          | 113,000                                             | 120,300 *                                          |
| 46                    | 80.7                 | 244.6                          | 106,000                                             | 120,000 *                                          |
| 48                    | 80.2                 | 244.2                          | 99,600                                              | 118,100                                            |
| 50                    | 79.7                 | 243.8                          | 93,900                                              | 111,200                                            |
| 55                    | 78.5                 | 242.8                          | 81,700                                              | 96,600                                             |
| 60                    | 77.3                 | 241.7                          | 71,800                                              | 84,900                                             |
| 65                    | 76.1                 | 240.5                          | 63,700                                              | 75,400                                             |
| 70                    | 74.8                 | 239.1                          | 56,900                                              | 67,400                                             |
| 75                    | 73.6                 | 237.6                          | 51,100                                              | 60,700                                             |
| 80                    | 72.3                 | 236.1                          | 46,100                                              | 54,900                                             |
| 85                    | 71.1                 | 234.4                          | 41,800                                              | 49,900                                             |
| 90                    | 69.8                 | 232.5                          | 38,000                                              | 45,500                                             |
| 95                    | 68.5                 | 230.6                          | 34,600                                              | 41,600                                             |
| 100                   | 67.2                 | 228.5                          | 31,600                                              | 38,200                                             |
| 105                   | 65.9                 | 226.3                          | 28,900                                              | 35,100                                             |
| 110                   | 64.6                 | 223.9                          | 26,500                                              | 32,300                                             |
| 115                   | 63.3                 | 221.4                          | 24,300                                              | 29,800                                             |
| 120                   | 61.9                 | 218.7                          | 22,300                                              | 27,500                                             |
| 125                   | 60.5                 | 215.9                          | 20,500                                              | 25,400                                             |
| 130                   | 59.2                 | 213.0                          | 18,800                                              | 23,500                                             |
| 135                   | 57.7                 | 209.8                          | 17,200                                              | 21,800                                             |
| 140                   | 56.3                 | 206.5                          | 15,800                                              | 20,100                                             |
| 145                   | 54.9                 | 203.0                          | 14,500                                              | 18,600                                             |
| 150                   | 53.4                 | 199.3                          | 13,200                                              | 17,200                                             |
| 155                   | 51.9                 | 195.4                          | 12,100                                              | 15,900                                             |
| 160                   | 50.3                 | 191.3                          | 11,000                                              | 14,700                                             |
| 165                   | 48.7                 | 187.0                          | 10,000                                              | 13,600                                             |
| 170                   | 47.1                 | 182.4                          | 9,000                                               | 12,500                                             |
| 175                   | 45.4                 | 177.5                          | 8,100                                               | 11,500                                             |
| 180                   | 43.7                 | 172.3                          | 7,300                                               | 10,500                                             |
| 185                   | 41.9                 | 166.8                          | 6,500                                               | 9,600                                              |
| 190                   | 40.1                 | 161.0                          | 5,700                                               | 8,800                                              |
| 195                   | 38.2                 | 154.7                          | 5,000                                               | 8,000                                              |
| 200                   | 36.2                 | 148.0                          | 4,300                                               | 7,200                                              |
| 205                   | 34.1                 | 140.8                          |                                                     | 6,500                                              |
| 210                   | 31.9                 | 132.9                          |                                                     | 5,800                                              |
| 215                   | 29.5                 | 124.3                          |                                                     | 5,100                                              |
| 220                   | 26.9                 | 114.7                          |                                                     | 4,500                                              |

| Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Boom<br>Point<br>Elev.<br>Feet | Boom<br>Capacity<br>Crawlers<br>Retracted<br>Pounds | Boom<br>Capacity<br>Crawlers<br>Extended<br>Pounds |
|-----------------------|----------------------|--------------------------------|-----------------------------------------------------|----------------------------------------------------|
| <b>250 Ft. Boom</b>   |                      |                                |                                                     |                                                    |
| 38                    | 82.9                 | 255.9                          | 110,200 *                                           | 110,200 *                                          |
| 40                    | 82.5                 | 255.6                          | 109,900 *                                           | 109,900 *                                          |
| 42                    | 82.0                 | 255.3                          | 109,600 *                                           | 109,600 *                                          |
| 44                    | 81.5                 | 255.0                          | 109,300 *                                           | 109,300 *                                          |
| 46                    | 81.1                 | 254.7                          | 106,200                                             | 109,000 *                                          |
| 48                    | 80.6                 | 254.4                          | 99,800                                              | 108,600 *                                          |
| 50                    | 80.1                 | 254.0                          | 94,100                                              | 108,300 *                                          |
| 55                    | 79.0                 | 253.0                          | 81,800                                              | 96,800                                             |
| 60                    | 77.8                 | 252.0                          | 72,000                                              | 85,100                                             |
| 65                    | 76.6                 | 250.8                          | 63,900                                              | 75,600                                             |
| 70                    | 75.4                 | 249.5                          | 57,100                                              | 67,600                                             |
| 75                    | 74.3                 | 248.1                          | 51,300                                              | 60,900                                             |
| 80                    | 73.1                 | 246.6                          | 46,300                                              | 55,100                                             |
| 85                    | 71.9                 | 244.9                          | 42,000                                              | 50,100                                             |
| 90                    | 70.6                 | 243.2                          | 38,200                                              | 45,700                                             |
| 95                    | 69.4                 | 241.3                          | 34,800                                              | 41,800                                             |
| 100                   | 68.2                 | 239.3                          | 31,800                                              | 38,400                                             |
| 105                   | 66.9                 | 237.2                          | 29,100                                              | 35,300                                             |
| 110                   | 65.7                 | 235.0                          | 26,700                                              | 32,500                                             |
| 115                   | 64.4                 | 232.6                          | 24,500                                              | 30,000                                             |
| 120                   | 63.1                 | 230.1                          | 22,500                                              | 27,700                                             |
| 125                   | 61.8                 | 227.4                          | 20,700                                              | 25,600                                             |
| 130                   | 60.5                 | 224.6                          | 19,000                                              | 23,700                                             |
| 135                   | 59.2                 | 221.6                          | 17,400                                              | 22,000                                             |
| 140                   | 57.8                 | 218.5                          | 16,000                                              | 20,300                                             |
| 145                   | 56.5                 | 215.2                          | 14,700                                              | 18,800                                             |
| 150                   | 55.1                 | 211.7                          | 13,400                                              | 17,400                                             |
| 155                   | 53.6                 | 208.1                          | 12,300                                              | 16,100                                             |
| 160                   | 52.2                 | 204.2                          | 11,200                                              | 14,900                                             |
| 165                   | 50.7                 | 200.2                          | 10,200                                              | 13,700                                             |
| 170                   | 49.2                 | 195.9                          | 9,200                                               | 12,700                                             |
| 175                   | 47.7                 | 191.4                          | 8,300                                               | 11,700                                             |
| 180                   | 46.1                 | 186.6                          | 7,500                                               | 10,700                                             |
| 185                   | 44.5                 | 181.6                          | 6,700                                               | 9,800                                              |
| 190                   | 42.8                 | 176.2                          | 5,900                                               | 9,000                                              |
| 195                   | 41.1                 | 170.6                          | 5,200                                               | 8,200                                              |
| 200                   | 39.3                 | 164.5                          | 4,500                                               | 7,400                                              |
| 205                   | 37.4                 | 158.1                          |                                                     | 6,700                                              |
| 210                   | 35.4                 | 151.2                          |                                                     | 6,000                                              |
| 215                   | 33.4                 | 143.7                          |                                                     | 5,300                                              |
| 220                   | 31.2                 | 135.7                          |                                                     | 4,700                                              |
| 225                   | 28.9                 | 126.8                          |                                                     | 4,100                                              |

# Liftcrane Boom Capacities

Meets  
ANSI B30.5  
Requirements

## 888 SERIES 2

**Boom No. 22EL**  
**179,100 Lb. Crane Counterweight**  
**44,000 Lb. Carbody Counterweight**  
**360 Degree Rating**

| Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Boom<br>Point<br>Elev.<br>Feet | Boom<br>Capacity<br>Crawlers<br>Retracted<br>Pounds | Boom<br>Capacity<br>Crawlers<br>Extended<br>Pounds |
|-----------------------|----------------------|--------------------------------|-----------------------------------------------------|----------------------------------------------------|
| <b>260 Ft. Boom</b>   |                      |                                |                                                     |                                                    |
| 40                    | 82.8                 | 265.7                          | 100,500 *                                           | 100,500 *                                          |
| 42                    | 82.3                 | 265.4                          | 100,200 *                                           | 100,200 *                                          |
| 44                    | 81.9                 | 265.1                          | 99,900 *                                            | 99,900 *                                           |
| 46                    | 81.4                 | 264.8                          | 99,600 *                                            | 99,600 *                                           |
| 48                    | 81.0                 | 264.5                          | 99,300 *                                            | 99,300 *                                           |
| 50                    | 80.5                 | 264.2                          | 93,700                                              | 98,900 *                                           |
| 55                    | 79.4                 | 263.2                          | 81,500                                              | 96,400                                             |
| 60                    | 78.3                 | 262.2                          | 71,600                                              | 84,700                                             |
| 65                    | 77.2                 | 261.1                          | 63,500                                              | 75,200                                             |
| 70                    | 76.0                 | 259.8                          | 56,700                                              | 67,200                                             |
| 75                    | 74.9                 | 258.5                          | 50,900                                              | 60,500                                             |
| 80                    | 73.7                 | 257.0                          | 45,900                                              | 54,700                                             |
| 85                    | 72.6                 | 255.5                          | 41,600                                              | 49,700                                             |
| 90                    | 71.4                 | 253.8                          | 37,700                                              | 45,300                                             |
| 95                    | 70.2                 | 252.0                          | 34,400                                              | 41,400                                             |
| 100                   | 69.1                 | 250.1                          | 31,400                                              | 37,900                                             |
| 105                   | 67.9                 | 248.1                          | 28,700                                              | 34,900                                             |
| 110                   | 66.7                 | 245.9                          | 26,300                                              | 32,100                                             |
| 115                   | 65.5                 | 243.7                          | 24,100                                              | 29,600                                             |
| 120                   | 64.2                 | 241.3                          | 22,100                                              | 27,300                                             |
| 125                   | 63.0                 | 238.7                          | 20,200                                              | 25,200                                             |
| 130                   | 61.8                 | 236.1                          | 18,500                                              | 23,300                                             |
| 135                   | 60.5                 | 233.2                          | 17,000                                              | 21,500                                             |
| 140                   | 59.2                 | 230.3                          | 15,600                                              | 19,900                                             |
| 145                   | 57.9                 | 227.2                          | 14,200                                              | 18,400                                             |
| 150                   | 56.6                 | 223.9                          | 13,000                                              | 17,000                                             |
| 155                   | 55.3                 | 220.4                          | 11,800                                              | 15,700                                             |
| 160                   | 53.9                 | 216.8                          | 10,700                                              | 14,500                                             |
| 165                   | 52.5                 | 213.0                          | 9,700                                               | 13,300                                             |
| 170                   | 51.1                 | 209.0                          | 8,800                                               | 12,200                                             |
| 175                   | 49.7                 | 204.8                          | 7,900                                               | 11,200                                             |
| 180                   | 48.2                 | 200.4                          | 7,000                                               | 10,300                                             |
| 185                   | 46.7                 | 195.7                          | 6,200                                               | 9,400                                              |
| 190                   | 45.1                 | 190.8                          | 5,500                                               | 8,500                                              |
| 195                   | 43.5                 | 185.6                          | 4,800                                               | 7,700                                              |
| 200                   | 41.9                 | 180.1                          | 4,100                                               | 7,000                                              |
| 205                   | 40.2                 | 174.2                          |                                                     | 6,200                                              |
| 210                   | 38.5                 | 168.0                          |                                                     | 5,500                                              |
| 215                   | 36.6                 | 161.4                          |                                                     | 4,900                                              |
| 220                   | 34.7                 | 154.3                          |                                                     | 4,300                                              |

| Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Boom<br>Point<br>Elev.<br>Feet | Boom<br>Capacity<br>Crawlers<br>Retracted<br>Pounds | Boom<br>Capacity<br>Crawlers<br>Extended<br>Pounds |
|-----------------------|----------------------|--------------------------------|-----------------------------------------------------|----------------------------------------------------|
| <b>270 Ft. Boom</b>   |                      |                                |                                                     |                                                    |
| 40                    | 83.0                 | 275.8                          | 91,900 *                                            | 91,900 *                                           |
| 42                    | 82.6                 | 275.5                          | 91,600 *                                            | 91,600 *                                           |
| 44                    | 82.2                 | 275.2                          | 91,300 *                                            | 91,300 *                                           |
| 46                    | 81.7                 | 274.9                          | 91,000 *                                            | 91,000 *                                           |
| 48                    | 81.3                 | 274.6                          | 90,700 *                                            | 90,700 *                                           |
| 50                    | 80.9                 | 274.3                          | 90,400 *                                            | 90,400 *                                           |
| 55                    | 79.8                 | 273.4                          | 81,100                                              | 89,500 *                                           |
| 60                    | 78.7                 | 272.4                          | 71,200                                              | 84,400                                             |
| 65                    | 77.6                 | 271.3                          | 63,100                                              | 74,800                                             |
| 70                    | 76.5                 | 270.1                          | 56,200                                              | 66,800                                             |
| 75                    | 75.5                 | 268.8                          | 50,400                                              | 60,100                                             |
| 80                    | 74.4                 | 267.5                          | 45,500                                              | 54,300                                             |
| 85                    | 73.2                 | 266.0                          | 41,100                                              | 49,200                                             |
| 90                    | 72.1                 | 264.4                          | 37,300                                              | 44,800                                             |
| 95                    | 71.0                 | 262.6                          | 33,900                                              | 41,000                                             |
| 100                   | 69.9                 | 260.8                          | 30,900                                              | 37,500                                             |
| 105                   | 68.7                 | 258.9                          | 28,200                                              | 34,400                                             |
| 110                   | 67.6                 | 256.8                          | 25,800                                              | 31,600                                             |
| 115                   | 66.4                 | 254.7                          | 23,600                                              | 29,100                                             |
| 120                   | 65.3                 | 252.4                          | 21,600                                              | 26,800                                             |
| 125                   | 64.1                 | 249.9                          | 19,700                                              | 24,700                                             |
| 130                   | 62.9                 | 247.4                          | 18,000                                              | 22,800                                             |
| 135                   | 61.7                 | 244.7                          | 16,500                                              | 21,000                                             |
| 140                   | 60.5                 | 241.9                          | 15,100                                              | 19,400                                             |
| 145                   | 59.2                 | 238.9                          | 13,700                                              | 17,900                                             |
| 150                   | 58.0                 | 235.8                          | 12,500                                              | 16,500                                             |
| 155                   | 56.7                 | 232.6                          | 11,300                                              | 15,200                                             |
| 160                   | 55.4                 | 229.2                          | 10,200                                              | 14,000                                             |
| 165                   | 54.1                 | 225.6                          | 9,200                                               | 12,800                                             |
| 170                   | 52.8                 | 221.8                          | 8,300                                               | 11,700                                             |
| 175                   | 51.5                 | 217.8                          | 7,400                                               | 10,700                                             |
| 180                   | 50.1                 | 213.7                          | 6,500                                               | 9,800                                              |
| 185                   | 48.7                 | 209.3                          | 5,700                                               | 8,900                                              |
| 190                   | 47.2                 | 204.7                          | 5,000                                               | 8,000                                              |
| 195                   | 45.8                 | 199.9                          | 4,300                                               | 7,200                                              |
| 200                   | 44.2                 | 194.8                          |                                                     | 6,500                                              |
| 205                   | 42.7                 | 189.5                          |                                                     | 5,700                                              |
| 210                   | 41.1                 | 183.8                          |                                                     | 5,000                                              |
| 215                   | 39.4                 | 177.8                          |                                                     | 4,400                                              |



# Liftcrane Boom Capacities

Meets  
ANSI B30.5  
Requirements

## 888 SERIES 2

**Boom No. 22EL**  
**179,100 Lb. Crane Counterweight**  
**44,000 Lb. Carbody Counterweight**  
**360 Degree Rating**

| Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Boom<br>Point<br>Elev.<br>Feet | Boom<br>Capacity<br>Crawlers<br>Retracted<br>Pounds | Boom<br>Capacity<br>Crawlers<br>Extended<br>Pounds |
|-----------------------|----------------------|--------------------------------|-----------------------------------------------------|----------------------------------------------------|
| <b>280 Ft. Boom</b>   |                      |                                |                                                     |                                                    |
| 42                    | 82.9                 | 285.6                          | 83,000 *                                            | 83,000 *                                           |
| 44                    | 82.5                 | 285.3                          | 82,700 *                                            | 82,700 *                                           |
| 46                    | 82.0                 | 285.1                          | 82,500 *                                            | 82,500 *                                           |
| 48                    | 81.6                 | 284.8                          | 82,200 *                                            | 82,200 *                                           |
| 50                    | 81.2                 | 284.4                          | 81,900 *                                            | 81,900 *                                           |
| 55                    | 80.2                 | 283.6                          | 80,700                                              | 81,200 *                                           |
| 60                    | 79.1                 | 282.6                          | 70,800                                              | 80,400 *                                           |
| 65                    | 78.1                 | 281.6                          | 62,600                                              | 74,400                                             |
| 70                    | 77.0                 | 280.4                          | 55,800                                              | 66,400                                             |
| 75                    | 76.0                 | 279.2                          | 50,000                                              | 59,600                                             |
| 80                    | 74.9                 | 277.8                          | 45,000                                              | 53,800                                             |
| 85                    | 73.9                 | 276.4                          | 40,700                                              | 48,800                                             |
| 90                    | 72.8                 | 274.9                          | 36,900                                              | 44,400                                             |
| 95                    | 71.7                 | 273.2                          | 33,500                                              | 40,500                                             |
| 100                   | 70.6                 | 271.5                          | 30,500                                              | 37,100                                             |
| 105                   | 69.5                 | 269.6                          | 27,800                                              | 34,000                                             |
| 110                   | 68.4                 | 267.6                          | 25,300                                              | 31,200                                             |
| 115                   | 67.3                 | 265.6                          | 23,100                                              | 28,700                                             |
| 120                   | 66.2                 | 263.4                          | 21,100                                              | 26,400                                             |
| 125                   | 65.1                 | 261.1                          | 19,300                                              | 24,300                                             |
| 130                   | 63.9                 | 258.6                          | 17,600                                              | 22,400                                             |
| 135                   | 62.8                 | 256.1                          | 16,000                                              | 20,600                                             |
| 140                   | 61.6                 | 253.4                          | 14,600                                              | 19,000                                             |
| 145                   | 60.5                 | 250.6                          | 13,300                                              | 17,400                                             |
| 150                   | 59.3                 | 247.6                          | 12,000                                              | 16,000                                             |
| 155                   | 58.1                 | 244.5                          | 10,900                                              | 14,700                                             |
| 160                   | 56.8                 | 241.3                          | 9,800                                               | 13,500                                             |
| 165                   | 55.6                 | 237.9                          | 8,800                                               | 12,400                                             |
| 170                   | 54.4                 | 234.3                          | 7,800                                               | 11,300                                             |
| 175                   | 53.1                 | 230.6                          | 6,900                                               | 10,300                                             |
| 180                   | 51.8                 | 226.7                          | 6,100                                               | 9,300                                              |
| 185                   | 50.5                 | 222.6                          | 5,300                                               | 8,400                                              |
| 190                   | 49.1                 | 218.3                          | 4,500                                               | 7,600                                              |
| 195                   | 47.7                 | 213.8                          |                                                     | 6,800                                              |
| 200                   | 46.3                 | 209.0                          |                                                     | 6,000                                              |
| 205                   | 44.9                 | 204.0                          |                                                     | 5,300                                              |
| 210                   | 43.4                 | 198.8                          |                                                     | 4,600                                              |

| Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Boom<br>Point<br>Elev.<br>Feet | Boom<br>Capacity<br>Crawlers<br>Retracted<br>Pounds | Boom<br>Capacity<br>Crawlers<br>Extended<br>Pounds |
|-----------------------|----------------------|--------------------------------|-----------------------------------------------------|----------------------------------------------------|
| <b>290 Ft. Boom</b>   |                      |                                |                                                     |                                                    |
| 44                    | 82.7                 | 295.4                          | 75,900 *                                            | 75,900 *                                           |
| 46                    | 82.3                 | 295.2                          | 75,600 *                                            | 75,600 *                                           |
| 48                    | 81.9                 | 294.9                          | 75,300 *                                            | 75,300 *                                           |
| 50                    | 81.5                 | 294.6                          | 75,100 *                                            | 75,100 *                                           |
| 55                    | 80.5                 | 293.7                          | 74,300 *                                            | 74,300 *                                           |
| 60                    | 79.5                 | 292.8                          | 71,100                                              | 73,100 *                                           |
| 65                    | 78.5                 | 291.8                          | 63,000                                              | 71,000 *                                           |
| 70                    | 77.5                 | 290.7                          | 56,200                                              | 66,800                                             |
| 75                    | 76.5                 | 289.5                          | 50,300                                              | 60,000                                             |
| 80                    | 75.5                 | 288.2                          | 45,400                                              | 54,200                                             |
| 85                    | 74.4                 | 286.8                          | 41,000                                              | 49,100                                             |
| 90                    | 73.4                 | 285.3                          | 37,200                                              | 44,700                                             |
| 95                    | 72.4                 | 283.8                          | 33,800                                              | 40,900                                             |
| 100                   | 71.3                 | 282.1                          | 30,800                                              | 37,400                                             |
| 105                   | 70.3                 | 280.3                          | 28,100                                              | 34,300                                             |
| 110                   | 69.2                 | 278.4                          | 25,700                                              | 31,500                                             |
| 115                   | 68.2                 | 276.4                          | 23,500                                              | 29,000                                             |
| 120                   | 67.1                 | 274.3                          | 21,500                                              | 26,700                                             |
| 125                   | 66.0                 | 272.1                          | 19,600                                              | 24,600                                             |
| 130                   | 64.9                 | 269.8                          | 17,900                                              | 22,700                                             |
| 135                   | 63.8                 | 267.3                          | 16,400                                              | 20,900                                             |
| 140                   | 62.7                 | 264.7                          | 14,900                                              | 19,300                                             |
| 145                   | 61.6                 | 262.0                          | 13,600                                              | 17,800                                             |
| 150                   | 60.4                 | 259.2                          | 12,400                                              | 16,400                                             |
| 155                   | 59.3                 | 256.3                          | 11,200                                              | 15,100                                             |
| 160                   | 58.1                 | 253.2                          | 10,100                                              | 13,800                                             |
| 165                   | 57.0                 | 249.9                          | 9,100                                               | 12,700                                             |
| 170                   | 55.8                 | 246.6                          | 8,200                                               | 11,600                                             |
| 175                   | 54.6                 | 243.0                          | 7,300                                               | 10,600                                             |
| 180                   | 53.3                 | 239.3                          | 6,400                                               | 9,700                                              |
| 185                   | 52.1                 | 235.5                          | 5,600                                               | 8,800                                              |
| 190                   | 50.8                 | 231.4                          | 4,900                                               | 7,900                                              |
| 195                   | 49.5                 | 227.2                          | 4,200                                               | 7,100                                              |
| 200                   | 48.2                 | 222.7                          |                                                     | 6,400                                              |
| 205                   | 46.8                 | 218.1                          |                                                     | 5,600                                              |
| 210                   | 45.5                 | 213.2                          |                                                     | 4,900                                              |
| 215                   | 44.0                 | 208.1                          |                                                     | 4,300                                              |