

# Liftcrane Boom Extended Upper Point Capacities

## 2250 SERIES 2

**25 Ft. Extended Upper Boom Point With 14 Ft. Strut On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating**

**Meets  
ANSI B30.5  
Requirements**

**LIFTING CAPACITIES:** Chart supplements Boom Capacity chart **No. 8008-A**. Lifting capacities for various boom lengths and operating radii are for freely suspended loads and do not exceed 75% of a static tipping load. Capacities based on structural competence are denoted by an asterisk (\*).

250 Ft. and 260 Ft. boom lengths require only the middle three sheaves to be used on lower boom point. All other sheaves must be removed from lower boom point.

Weight of all load blocks, hooks, weight ball, slings, hoist lines, etc., beneath boom point sheaves, is considered part of extended upper boom point load. Boom is not to be lowered beyond radii where combined weights are greater than rated capacity. Where no capacity is shown, operation is not intended or approved.

**OPERATING CONDITIONS:** Machine to operate in a level position on a firm uniformly supporting surface with gantry up. Refer to boom rigging **No. 179809**, extended upper boom point assembly **No. 194251** and Counterweight Arrangement chart **No. 8026-A**. Crane operator judgment must be used to allow for dynamic load effects of swinging, hoisting or lowering, travel, wind conditions, as well as adverse operating conditions and physical machine depreciation. Refer to operators manual for operating guidelines. Wind conditions for boom with fixed jib apply to extended upper boom point.

**MACHINE TRAVEL:** Machine to travel on a firm, level, and uniformly supporting surface and boom within boom angle range shown in capacity chart. Refer to Maximum Allowable Travel Specification chart **No. 8027-A**. Travel tables for boom lengths including all jib lengths and offset angles apply to extended upper boom point.

**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.

**EXTENDED UPPER BOOM POINT ELEVATION:** Extended upper boom point elevation is vertical distance from ground level to centerline of extended upper boom point shaft.

**MACHINE EQUIPMENT:** Machine equipped with 30 Ft. 9 in. crawlers, 48 in. treads, 28 Ft. retractable gantry, 12 part boom hoist reeving, boom support straps, 209,200 Lb. crane counterweight and two 30,000 Lb. carbody counterweights.

Maximum capacity on 1-1/8 in. wire rope is 30,000 Lbs. per line. Extended upper boom point wire rope whip line length of 1,475 Ft. required with 4 parts line and boom length of 260 Ft. which allows hook to touch ground. Maximum hook travel for extended upper boom point application may be restricted when whip line length exceeds 1,170 Ft. using 24-1/2 in. Dia. lagging on left rear drum or 1,270 Ft. on bare left rear drum. Refer to Wire Rope Specification chart **No. 8025-A**.

| <b>Maximum Boom Length Lifted Unassisted<br/>Over Front, Side or Rear of Crawlers</b>                                                          |                                  |
|------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|
| Boom Length                                                                                                                                    | 25 Ft. Extended Upper Boom Point |
| (a) 300 Ft.                                                                                                                                    | —                                |
| 290 Ft.                                                                                                                                        | —                                |
| 280 Ft.                                                                                                                                        | —                                |
| 270 Ft.                                                                                                                                        | —                                |
| 260 Ft.                                                                                                                                        | 25 Ft.                           |
| Load block, hook and weight ball on ground at start.<br>(a) When equipped with boom catwalks, upper boom point cannot be used on 300 Ft. boom. |                                  |

### Boom Catwalks Deduct

Deduct 500 Lbs. from capacities when boom catwalks are attached.



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Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements

### 130 Ft. Boom

| Ext.<br>Upper<br>Boom Pt.<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Ext.<br>Upper<br>Boom<br>Point<br>Elev.<br>Feet | Extended Upper<br>Boom Point<br>Capacity<br>Pounds |
|----------------------------------------------------|----------------------|-------------------------------------------------|----------------------------------------------------|
| 45                                                 | 80.1                 | 158.5                                           | 100,000 *                                          |
| 50                                                 | 78.1                 | 157.1                                           | 99,700 *                                           |
| 55                                                 | 76.2                 | 155.6                                           | 95,000 *                                           |
| 60                                                 | 74.3                 | 153.8                                           | 90,800 *                                           |
| 65                                                 | 72.3                 | 151.9                                           | 87,000 *                                           |
| 70                                                 | 70.3                 | 149.8                                           | 83,600 *                                           |
| 75                                                 | 68.2                 | 147.4                                           | 80,500 *                                           |
| 80                                                 | 66.2                 | 144.9                                           | 77,600 *                                           |
| 85                                                 | 64.1                 | 142.1                                           | 75,000 *                                           |
| 90                                                 | 61.9                 | 139.0                                           | 72,600 *                                           |
| 95                                                 | 59.7                 | 135.7                                           | 70,400 *                                           |
| 100                                                | 57.4                 | 132.1                                           | 68,400 *                                           |
| 105                                                | 55.1                 | 128.1                                           | 66,500 *                                           |
| 110                                                | 52.6                 | 123.9                                           | 62,200                                             |
| 115                                                | 50.1                 | 119.2                                           | 58,300                                             |
| 120                                                | 47.5                 | 114.1                                           | 54,700                                             |
| 125                                                | 44.7                 | 108.5                                           | 51,400                                             |
| 130                                                | 41.8                 | 102.2                                           | 48,400                                             |

### 140 Ft. Boom

| Ext.<br>Upper<br>Boom Pt.<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Ext.<br>Upper<br>Boom<br>Point<br>Elev.<br>Feet | Extended Upper<br>Boom Point<br>Capacity<br>Pounds |
|----------------------------------------------------|----------------------|-------------------------------------------------|----------------------------------------------------|
| 45                                                 | 80.7                 | 168.8                                           | 100,000 *                                          |
| 50                                                 | 78.9                 | 167.5                                           | 100,000 *                                          |
| 55                                                 | 77.1                 | 166.1                                           | 97,100 *                                           |
| 60                                                 | 75.3                 | 164.4                                           | 92,900 *                                           |
| 65                                                 | 73.4                 | 162.6                                           | 89,200 *                                           |
| 70                                                 | 71.6                 | 160.6                                           | 85,700 *                                           |
| 75                                                 | 69.7                 | 158.5                                           | 82,600 *                                           |
| 80                                                 | 67.7                 | 156.1                                           | 79,700 *                                           |
| 85                                                 | 65.8                 | 153.5                                           | 77,100 *                                           |
| 90                                                 | 63.8                 | 150.7                                           | 74,700 *                                           |
| 95                                                 | 61.8                 | 147.6                                           | 72,500 *                                           |
| 100                                                | 59.7                 | 144.3                                           | 70,400 *                                           |
| 105                                                | 57.6                 | 140.8                                           | 66,000                                             |
| 110                                                | 55.4                 | 136.9                                           | 61,700                                             |
| 115                                                | 53.1                 | 132.7                                           | 57,700                                             |
| 120                                                | 50.8                 | 128.2                                           | 54,100                                             |
| 125                                                | 48.4                 | 123.3                                           | 50,900                                             |
| 130                                                | 45.8                 | 117.9                                           | 47,900                                             |
| 135                                                | 43.1                 | 112.0                                           | 45,100                                             |
| 140                                                | 40.3                 | 105.5                                           | 42,500                                             |

### 150 Ft. Boom

| Ext.<br>Upper<br>Boom Pt.<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Ext.<br>Upper<br>Boom<br>Point<br>Elev.<br>Feet | Extended Upper<br>Boom Point<br>Capacity<br>Pounds |
|----------------------------------------------------|----------------------|-------------------------------------------------|----------------------------------------------------|
| 50                                                 | 79.5                 | 177.8                                           | 100,000 *                                          |
| 55                                                 | 77.8                 | 176.5                                           | 98,900 *                                           |
| 60                                                 | 76.1                 | 174.9                                           | 94,900 *                                           |
| 65                                                 | 74.4                 | 173.3                                           | 91,100 *                                           |
| 70                                                 | 72.7                 | 171.4                                           | 87,700 *                                           |
| 75                                                 | 70.9                 | 169.4                                           | 84,600 *                                           |
| 80                                                 | 69.1                 | 167.1                                           | 81,800 *                                           |
| 85                                                 | 67.3                 | 164.7                                           | 79,100 *                                           |
| 90                                                 | 65.5                 | 162.1                                           | 76,700 *                                           |
| 95                                                 | 63.6                 | 159.3                                           | 74,400 *                                           |
| 100                                                | 61.7                 | 156.3                                           | 70,400                                             |
| 105                                                | 59.7                 | 153.0                                           | 65,600                                             |
| 110                                                | 57.7                 | 149.5                                           | 61,200                                             |
| 115                                                | 55.7                 | 145.7                                           | 57,300                                             |
| 120                                                | 53.6                 | 141.6                                           | 53,700                                             |
| 125                                                | 51.4                 | 137.2                                           | 50,400                                             |
| 130                                                | 49.1                 | 132.4                                           | 47,400                                             |
| 135                                                | 46.8                 | 127.2                                           | 44,600                                             |
| 140                                                | 44.3                 | 121.6                                           | 42,000                                             |

# Liftcrane Boom Extended Upper Point Capacities

## 2250 SERIES 2

25 Ft. Extended Upper Boom Point With 14 Ft. Strut On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements

### 160 Ft. Boom

| Ext.<br>Upper<br>Boom Pt.<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Ext.<br>Upper<br>Boom<br>Point<br>Elev.<br>Feet | Extended Upper<br>Boom Point<br>Capacity<br>Pounds |
|----------------------------------------------------|----------------------|-------------------------------------------------|----------------------------------------------------|
| 50                                                 | 80.1                 | 188.1                                           | 100,000 *                                          |
| 55                                                 | 78.5                 | 186.8                                           | 99,900 *                                           |
| 60                                                 | 76.9                 | 185.4                                           | 96,700 *                                           |
| 65                                                 | 75.3                 | 183.8                                           | 93,000 *                                           |
| 70                                                 | 73.7                 | 182.1                                           | 89,600 *                                           |
| 75                                                 | 72.0                 | 180.2                                           | 86,500 *                                           |
| 80                                                 | 70.3                 | 178.1                                           | 83,700 *                                           |
| 85                                                 | 68.6                 | 175.8                                           | 81,000 *                                           |
| 90                                                 | 66.9                 | 173.4                                           | 78,600 *                                           |
| 95                                                 | 65.2                 | 170.8                                           | 75,300                                             |
| 100                                                | 63.4                 | 168.0                                           | 69,900                                             |
| 105                                                | 61.6                 | 164.9                                           | 65,000                                             |
| 110                                                | 59.7                 | 161.7                                           | 60,600                                             |
| 115                                                | 57.8                 | 158.2                                           | 56,700                                             |
| 120                                                | 55.9                 | 154.4                                           | 53,100                                             |
| 125                                                | 53.9                 | 150.4                                           | 49,800                                             |
| 130                                                | 51.9                 | 146.1                                           | 46,800                                             |
| 135                                                | 49.8                 | 141.5                                           | 44,000                                             |
| 140                                                | 47.6                 | 136.5                                           | 41,500                                             |
| 150                                                | 42.9                 | 125.2                                           | 36,900                                             |

### 170 Ft. Boom

| Ext.<br>Upper<br>Boom Pt.<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Ext.<br>Upper<br>Boom<br>Point<br>Elev.<br>Feet | Extended Upper<br>Boom Point<br>Capacity<br>Pounds |
|----------------------------------------------------|----------------------|-------------------------------------------------|----------------------------------------------------|
| 50                                                 | 80.6                 | 198.4                                           | 100,000 *                                          |
| 55                                                 | 79.1                 | 197.1                                           | 100,000 *                                          |
| 60                                                 | 77.6                 | 195.8                                           | 98,300 *                                           |
| 65                                                 | 76.1                 | 194.3                                           | 94,700 *                                           |
| 70                                                 | 74.5                 | 192.6                                           | 91,400 *                                           |
| 75                                                 | 73.0                 | 190.8                                           | 88,300 *                                           |
| 80                                                 | 71.4                 | 188.9                                           | 85,400 *                                           |
| 85                                                 | 69.8                 | 186.8                                           | 82,800 *                                           |
| 90                                                 | 68.2                 | 184.5                                           | 80,400 *                                           |
| 95                                                 | 66.6                 | 182.1                                           | 75,100                                             |
| 100                                                | 64.9                 | 179.4                                           | 69,600                                             |
| 105                                                | 63.2                 | 176.6                                           | 64,800                                             |
| 110                                                | 61.5                 | 173.6                                           | 60,400                                             |
| 115                                                | 59.7                 | 170.3                                           | 56,500                                             |
| 120                                                | 58.0                 | 166.9                                           | 52,900                                             |
| 125                                                | 56.1                 | 163.2                                           | 49,600                                             |
| 130                                                | 54.3                 | 159.2                                           | 46,600                                             |
| 135                                                | 52.3                 | 155.0                                           | 43,800                                             |
| 140                                                | 50.4                 | 150.5                                           | 41,200                                             |
| 150                                                | 46.2                 | 140.4                                           | 36,700                                             |
| 160                                                | 41.7                 | 128.7                                           | 32,700                                             |

### 180 Ft. Boom

| Ext.<br>Upper<br>Boom Pt.<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Ext.<br>Upper<br>Boom<br>Point<br>Elev.<br>Feet | Extended Upper<br>Boom Point<br>Capacity<br>Pounds |
|----------------------------------------------------|----------------------|-------------------------------------------------|----------------------------------------------------|
| 55                                                 | 79.7                 | 207.4                                           | 100,000 *                                          |
| 60                                                 | 78.2                 | 206.1                                           | 99,700 *                                           |
| 65                                                 | 76.8                 | 204.7                                           | 96,300 *                                           |
| 70                                                 | 75.3                 | 203.2                                           | 93,000 *                                           |
| 75                                                 | 73.8                 | 201.5                                           | 90,000 *                                           |
| 80                                                 | 72.3                 | 199.6                                           | 87,100 *                                           |
| 85                                                 | 70.8                 | 197.6                                           | 84,500 *                                           |
| 90                                                 | 69.3                 | 195.5                                           | 80,600                                             |
| 95                                                 | 67.8                 | 193.2                                           | 74,500                                             |
| 100                                                | 66.2                 | 190.7                                           | 69,100                                             |
| 105                                                | 64.7                 | 188.1                                           | 64,200                                             |
| 110                                                | 63.1                 | 185.2                                           | 59,800                                             |
| 115                                                | 61.4                 | 182.2                                           | 55,900                                             |
| 120                                                | 59.8                 | 179.0                                           | 52,300                                             |
| 125                                                | 58.1                 | 175.6                                           | 49,000                                             |
| 130                                                | 56.3                 | 171.9                                           | 46,000                                             |
| 135                                                | 54.6                 | 168.0                                           | 43,200                                             |
| 140                                                | 52.8                 | 163.9                                           | 40,700                                             |
| 150                                                | 49.0                 | 154.7                                           | 36,100                                             |
| 160                                                | 44.9                 | 144.2                                           | 32,100                                             |
| 170                                                | 40.5                 | 132.1                                           | 28,600                                             |



# Liftcrane Boom Extended Upper Point Capacities

## 2250 SERIES 2

25 Ft. Extended Upper Boom Point With 14 Ft. Strut On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements

### 190 Ft. Boom

| Ext.<br>Upper<br>Boom Pt.<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Ext.<br>Upper<br>Boom<br>Point<br>Elev.<br>Feet | Extended Upper<br>Boom Point<br>Capacity<br>Pounds |
|----------------------------------------------------|----------------------|-------------------------------------------------|----------------------------------------------------|
| 55                                                 | 80.2                 | 217.7                                           | 100,000 *                                          |
| 60                                                 | 78.8                 | 216.5                                           | 100,000 *                                          |
| 65                                                 | 77.4                 | 215.1                                           | 97,900 *                                           |
| 70                                                 | 76.0                 | 213.6                                           | 94,600 *                                           |
| 75                                                 | 74.6                 | 212.0                                           | 91,600 *                                           |
| 80                                                 | 73.2                 | 210.3                                           | 88,800 *                                           |
| 85                                                 | 71.8                 | 208.4                                           | 86,100 *                                           |
| 90                                                 | 70.4                 | 206.4                                           | 80,100                                             |
| 95                                                 | 68.9                 | 204.2                                           | 74,000                                             |
| 100                                                | 67.4                 | 201.9                                           | 68,600                                             |
| 105                                                | 65.9                 | 199.4                                           | 63,700                                             |
| 110                                                | 64.4                 | 196.7                                           | 59,300                                             |
| 115                                                | 62.9                 | 193.9                                           | 55,400                                             |
| 120                                                | 61.4                 | 190.9                                           | 51,800                                             |
| 125                                                | 59.8                 | 187.7                                           | 48,500                                             |
| 130                                                | 58.2                 | 184.3                                           | 45,500                                             |
| 135                                                | 56.5                 | 180.7                                           | 42,700                                             |
| 140                                                | 54.8                 | 176.8                                           | 40,100                                             |
| 150                                                | 51.4                 | 168.4                                           | 35,600                                             |
| 160                                                | 47.7                 | 158.9                                           | 31,600                                             |
| 170                                                | 43.7                 | 148.0                                           | 28,100                                             |

### 200 Ft. Boom

| Ext.<br>Upper<br>Boom Pt.<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Ext.<br>Upper<br>Boom<br>Point<br>Elev.<br>Feet | Extended Upper<br>Boom Point<br>Capacity<br>Pounds |
|----------------------------------------------------|----------------------|-------------------------------------------------|----------------------------------------------------|
| 55                                                 | 80.6                 | 227.9                                           | 100,000 *                                          |
| 60                                                 | 79.3                 | 226.8                                           | 100,000 *                                          |
| 65                                                 | 78.0                 | 225.5                                           | 99,300 *                                           |
| 70                                                 | 76.7                 | 224.1                                           | 96,100 *                                           |
| 75                                                 | 75.3                 | 222.5                                           | 93,100 *                                           |
| 80                                                 | 74.0                 | 220.9                                           | 90,300 *                                           |
| 85                                                 | 72.6                 | 219.1                                           | 86,600                                             |
| 90                                                 | 71.3                 | 217.2                                           | 79,600                                             |
| 95                                                 | 69.9                 | 215.1                                           | 73,500                                             |
| 100                                                | 68.5                 | 212.9                                           | 68,000                                             |
| 105                                                | 67.1                 | 210.5                                           | 63,100                                             |
| 110                                                | 65.7                 | 208.0                                           | 58,700                                             |
| 115                                                | 64.2                 | 205.4                                           | 54,800                                             |
| 120                                                | 62.8                 | 202.5                                           | 51,200                                             |
| 125                                                | 61.3                 | 199.5                                           | 47,900                                             |
| 130                                                | 59.8                 | 196.3                                           | 44,900                                             |
| 135                                                | 58.2                 | 193.0                                           | 42,100                                             |
| 140                                                | 56.7                 | 189.4                                           | 39,500                                             |
| 150                                                | 53.5                 | 181.6                                           | 34,900                                             |
| 160                                                | 50.1                 | 172.8                                           | 31,000                                             |
| 170                                                | 46.5                 | 162.9                                           | 27,500                                             |
| 180                                                | 42.6                 | 151.6                                           | 24,400                                             |

### 210 Ft. Boom

| Ext.<br>Upper<br>Boom Pt.<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Ext.<br>Upper<br>Boom<br>Point<br>Elev.<br>Feet | Extended Upper<br>Boom Point<br>Capacity<br>Pounds |
|----------------------------------------------------|----------------------|-------------------------------------------------|----------------------------------------------------|
| 55                                                 | 81.0                 | 238.1                                           | 100,000 *                                          |
| 60                                                 | 79.8                 | 237.0                                           | 100,000 *                                          |
| 65                                                 | 78.5                 | 235.8                                           | 99,800 *                                           |
| 70                                                 | 77.2                 | 234.5                                           | 97,500 *                                           |
| 75                                                 | 76.0                 | 233.0                                           | 94,500 *                                           |
| 80                                                 | 74.7                 | 231.4                                           | 91,700 *                                           |
| 85                                                 | 73.4                 | 229.7                                           | 86,300                                             |
| 90                                                 | 72.1                 | 227.9                                           | 79,300                                             |
| 95                                                 | 70.8                 | 225.9                                           | 73,100                                             |
| 100                                                | 69.5                 | 223.8                                           | 67,700                                             |
| 105                                                | 68.2                 | 221.6                                           | 62,800                                             |
| 110                                                | 66.8                 | 219.2                                           | 58,400                                             |
| 115                                                | 65.4                 | 216.7                                           | 54,500                                             |
| 120                                                | 64.1                 | 214.0                                           | 50,900                                             |
| 125                                                | 62.7                 | 211.2                                           | 47,600                                             |
| 130                                                | 61.2                 | 208.2                                           | 44,600                                             |
| 135                                                | 59.8                 | 205.0                                           | 41,800                                             |
| 140                                                | 58.3                 | 201.6                                           | 39,200                                             |
| 150                                                | 55.3                 | 194.3                                           | 34,600                                             |
| 160                                                | 52.2                 | 186.2                                           | 30,700                                             |
| 170                                                | 48.9                 | 177.1                                           | 27,200                                             |
| 180                                                | 45.4                 | 166.8                                           | 24,100                                             |
| 190                                                | 41.6                 | 155.1                                           | 21,400                                             |

# Liftcrane Boom Extended Upper Point Capacities

## 2250 SERIES 2

25 Ft. Extended Upper Boom Point With 14 Ft. Strut On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements

### 220 Ft. Boom

| Ext.<br>Upper<br>Boom Pt.<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Ext.<br>Upper<br>Boom<br>Point<br>Elev.<br>Feet | Extended Upper<br>Boom Point<br>Capacity<br>Pounds |
|----------------------------------------------------|----------------------|-------------------------------------------------|----------------------------------------------------|
| 60                                                 | 80.2                 | 247.3                                           | 100,000 *                                          |
| 65                                                 | 79.0                 | 246.1                                           | 100,000 *                                          |
| 70                                                 | 77.8                 | 244.8                                           | 98,800 *                                           |
| 75                                                 | 76.6                 | 243.4                                           | 95,800 *                                           |
| 80                                                 | 75.3                 | 241.9                                           | 93,100 *                                           |
| 85                                                 | 74.1                 | 240.3                                           | 85,800                                             |
| 90                                                 | 72.9                 | 238.5                                           | 78,800                                             |
| 95                                                 | 71.6                 | 236.7                                           | 72,600                                             |
| 100                                                | 70.4                 | 234.7                                           | 67,100                                             |
| 105                                                | 69.1                 | 232.5                                           | 62,300                                             |
| 110                                                | 67.8                 | 230.3                                           | 57,900                                             |
| 115                                                | 66.5                 | 227.9                                           | 53,900                                             |
| 120                                                | 65.2                 | 225.3                                           | 50,300                                             |
| 125                                                | 63.9                 | 222.6                                           | 47,000                                             |
| 130                                                | 62.5                 | 219.8                                           | 44,000                                             |
| 135                                                | 61.2                 | 216.8                                           | 41,200                                             |
| 140                                                | 59.8                 | 213.7                                           | 38,600                                             |
| 150                                                | 57.0                 | 206.8                                           | 34,000                                             |
| 160                                                | 54.0                 | 199.2                                           | 30,100                                             |
| 170                                                | 51.0                 | 190.7                                           | 26,600                                             |
| 180                                                | 47.7                 | 181.2                                           | 23,500                                             |
| 190                                                | 44.3                 | 170.6                                           | 20,700                                             |
| 200                                                | 40.7                 | 158.6                                           | 18,300                                             |

### 230 Ft. Boom

| Ext.<br>Upper<br>Boom Pt.<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Ext.<br>Upper<br>Boom<br>Point<br>Elev.<br>Feet | Extended Upper<br>Boom Point<br>Capacity<br>Pounds |
|----------------------------------------------------|----------------------|-------------------------------------------------|----------------------------------------------------|
| 60                                                 | 80.6                 | 257.5                                           | 100,000 *                                          |
| 65                                                 | 79.4                 | 256.4                                           | 100,000 *                                          |
| 70                                                 | 78.3                 | 255.1                                           | 99,700 *                                           |
| 75                                                 | 77.1                 | 253.8                                           | 97,100 *                                           |
| 80                                                 | 75.9                 | 252.4                                           | 93,300                                             |
| 85                                                 | 74.8                 | 250.8                                           | 85,300                                             |
| 90                                                 | 73.6                 | 249.1                                           | 78,300                                             |
| 95                                                 | 72.4                 | 247.3                                           | 72,100                                             |
| 100                                                | 71.2                 | 245.4                                           | 66,600                                             |
| 105                                                | 70.0                 | 243.4                                           | 61,700                                             |
| 110                                                | 68.8                 | 241.2                                           | 57,300                                             |
| 115                                                | 67.5                 | 239.0                                           | 53,400                                             |
| 120                                                | 66.3                 | 236.5                                           | 49,700                                             |
| 125                                                | 65.0                 | 234.0                                           | 46,400                                             |
| 130                                                | 63.7                 | 231.3                                           | 43,400                                             |
| 135                                                | 62.4                 | 228.5                                           | 40,600                                             |
| 140                                                | 61.1                 | 225.5                                           | 38,100                                             |
| 150                                                | 58.5                 | 219.0                                           | 33,500                                             |
| 160                                                | 55.7                 | 211.8                                           | 29,500                                             |
| 170                                                | 52.8                 | 203.9                                           | 26,000                                             |
| 180                                                | 49.8                 | 195.1                                           | 22,900                                             |
| 190                                                | 46.7                 | 185.3                                           | 20,200                                             |
| 200                                                | 43.4                 | 174.3                                           | 17,700                                             |

### 240 Ft. Boom

| Ext.<br>Upper<br>Boom Pt.<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Ext.<br>Upper<br>Boom<br>Point<br>Elev.<br>Feet | Extended Upper<br>Boom Point<br>Capacity<br>Pounds |
|----------------------------------------------------|----------------------|-------------------------------------------------|----------------------------------------------------|
| 60                                                 | 80.9                 | 267.7                                           | 100,000 *                                          |
| 65                                                 | 79.8                 | 266.6                                           | 100,000 *                                          |
| 70                                                 | 78.7                 | 265.4                                           | 99,900 *                                           |
| 75                                                 | 77.6                 | 264.2                                           | 98,300 *                                           |
| 80                                                 | 76.5                 | 262.8                                           | 92,800                                             |
| 85                                                 | 75.4                 | 261.3                                           | 84,800                                             |
| 90                                                 | 74.2                 | 259.7                                           | 77,700                                             |
| 95                                                 | 73.1                 | 258.0                                           | 71,600                                             |
| 100                                                | 71.9                 | 256.1                                           | 66,100                                             |
| 105                                                | 70.8                 | 254.2                                           | 61,200                                             |
| 110                                                | 69.6                 | 252.1                                           | 56,800                                             |
| 115                                                | 68.4                 | 249.9                                           | 52,800                                             |
| 120                                                | 67.2                 | 247.6                                           | 49,200                                             |
| 125                                                | 66.0                 | 245.2                                           | 45,900                                             |
| 130                                                | 64.8                 | 242.6                                           | 42,800                                             |
| 135                                                | 63.6                 | 239.9                                           | 40,000                                             |
| 140                                                | 62.4                 | 237.1                                           | 37,500                                             |
| 150                                                | 59.8                 | 231.0                                           | 32,900                                             |
| 160                                                | 57.2                 | 224.2                                           | 28,900                                             |
| 170                                                | 54.5                 | 216.8                                           | 25,400                                             |
| 180                                                | 51.7                 | 208.5                                           | 22,300                                             |
| 190                                                | 48.8                 | 199.4                                           | 19,600                                             |
| 200                                                | 45.7                 | 189.3                                           | 17,100                                             |
| 210                                                | 42.5                 | 178.0                                           | 14,900                                             |

# Liftcrane Boom Extended Upper Point Capacities

## 2250 SERIES 2

25 Ft. Extended Upper Boom Point With 14 Ft. Strut On  
Boom No. 44 With Heavy Lift Top  
209,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
360 Degree Rating

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

### 250 Ft. Boom

| Ext.<br>Upper<br>Boom Pt.<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Ext.<br>Upper<br>Boom<br>Point<br>Elev.<br>Feet | Extended Upper<br>Boom Point<br>Capacity<br>Pounds |
|----------------------------------------------------|----------------------|-------------------------------------------------|----------------------------------------------------|
| 65                                                 | 80.2                 | 276.9                                           | 100,000 *                                          |
| 70                                                 | 79.1                 | 275.7                                           | 100,000 *                                          |
| 75                                                 | 78.1                 | 274.5                                           | 99,500 *                                           |
| 80                                                 | 77.0                 | 273.2                                           | 93,300                                             |
| 85                                                 | 75.9                 | 271.7                                           | 85,300                                             |
| 90                                                 | 74.8                 | 270.2                                           | 78,300                                             |
| 95                                                 | 73.7                 | 268.5                                           | 72,100                                             |
| 100                                                | 72.6                 | 266.8                                           | 66,600                                             |
| 105                                                | 71.5                 | 264.9                                           | 61,700                                             |
| 110                                                | 70.4                 | 262.9                                           | 57,300                                             |
| 115                                                | 69.3                 | 260.9                                           | 53,300                                             |
| 120                                                | 68.1                 | 258.7                                           | 49,700                                             |
| 125                                                | 67.0                 | 256.3                                           | 46,400                                             |
| 130                                                | 65.8                 | 253.9                                           | 43,400                                             |
| 135                                                | 64.6                 | 251.3                                           | 40,600                                             |
| 140                                                | 63.5                 | 248.6                                           | 38,100                                             |
| 150                                                | 61.1                 | 242.8                                           | 33,500                                             |
| 160                                                | 58.6                 | 236.4                                           | 29,500                                             |
| 170                                                | 56.0                 | 229.3                                           | 26,000                                             |
| 180                                                | 53.4                 | 221.6                                           | 23,000                                             |
| 190                                                | 50.7                 | 213.0                                           | 20,200                                             |
| 200                                                | 47.8                 | 203.6                                           | 17,800                                             |
| 210                                                | 44.8                 | 193.2                                           | 15,500                                             |
| 220                                                | 41.6                 | 181.6                                           | 13,500                                             |

### 260 Ft. Boom

| Ext.<br>Upper<br>Boom Pt.<br>Oper.<br>Rad.<br>Feet | Boom<br>Ang.<br>Deg. | Ext.<br>Upper<br>Boom<br>Point<br>Elev.<br>Feet | Extended Upper<br>Boom Point<br>Capacity<br>Pounds |
|----------------------------------------------------|----------------------|-------------------------------------------------|----------------------------------------------------|
| 65                                                 | 80.6                 | 287.1                                           | 99,300 *                                           |
| 70                                                 | 79.5                 | 286.0                                           | 97,900 *                                           |
| 75                                                 | 78.5                 | 284.8                                           | 96,600 *                                           |
| 80                                                 | 77.5                 | 283.5                                           | 92,800                                             |
| 85                                                 | 76.4                 | 282.1                                           | 84,800                                             |
| 90                                                 | 75.4                 | 280.6                                           | 77,800                                             |
| 95                                                 | 74.3                 | 279.1                                           | 71,600                                             |
| 100                                                | 73.3                 | 277.4                                           | 66,100                                             |
| 105                                                | 72.2                 | 275.6                                           | 61,200                                             |
| 110                                                | 71.1                 | 273.7                                           | 56,800                                             |
| 115                                                | 70.0                 | 271.7                                           | 52,800                                             |
| 120                                                | 68.9                 | 269.6                                           | 49,200                                             |
| 125                                                | 67.8                 | 267.4                                           | 45,900                                             |
| 130                                                | 66.7                 | 265.0                                           | 42,800                                             |
| 135                                                | 65.6                 | 262.5                                           | 40,000                                             |
| 140                                                | 64.5                 | 260.0                                           | 37,500                                             |
| 150                                                | 62.2                 | 254.4                                           | 32,900                                             |
| 160                                                | 59.8                 | 248.3                                           | 28,900                                             |
| 170                                                | 57.4                 | 241.6                                           | 25,400                                             |
| 180                                                | 54.9                 | 234.3                                           | 22,300                                             |
| 190                                                | 52.3                 | 226.3                                           | 19,600                                             |
| 200                                                | 49.7                 | 217.4                                           | 17,100                                             |
| 210                                                | 46.9                 | 207.7                                           | 14,900                                             |
| 220                                                | 43.9                 | 197.0                                           | 12,900                                             |
| 230                                                | 40.8                 | 185.1                                           | 11,100                                             |