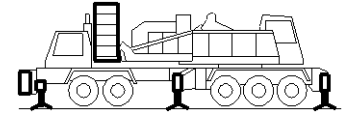


# Liftcrane Fixed Jib Capacities

**Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
Luffing Jib No. 139 On Boom No. 78T With Heavy Lift Top  
95,400 Lb. Crane Counterweight  
25,000 Lb. Front Bumper Counterweight  
360 Degree Rating On Fully Extended Outriggers**

**Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5**



**LIFTING CAPACITIES:** Lifting capacities for various boom lengths, boom angles, luffing jib lengths, luffing jib angles, fixed jib lengths, and fixed jib operating radii are for freely suspended loads and do not exceed 85% of a static tipping load. Capacities based on structural competence are denoted by an asterisk (\*).

Lower boom point assembly, auxiliary drum, wire rope guides in 17.5 Ft. insert and one sheave in luffing jib strut must be removed on 170 Ft. and 180 Ft. boom lengths.

Weight of all load blocks, hooks, weight ball, slings, hoist lines, etc., beneath boom, luffing jib point and fixed jib point sheaves, is considered part of fixed jib load. Boom, luffing jib and fixed jib are 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 on a firm uniformly supporting surface with bearing turntable level within a tolerance of 1/2 in. in 10 Ft., and outriggers fully extended (22 Ft. 8 in.) and set. Refer to operators manual for outrigger positioning. During operation, boom must be maintained at one of the selected angles shown in chart. Radii less than 35 Ft. not recommended when lifting over front of truck.

**Note:** Set four main jacks first, then lower center front jack until it just contacts ground to prevent preloading of center front jack. Center front jack must be used when operating on outriggers.

Refer to fixed jib assembly **No. 179361**, luffing jib assembly **No. 194151**, Wire Rope Specification chart **No. 8105-B** and Luffing Jib Raising Procedure chart **No. 8107-B**. Crane operator judgment must be used to allow for dynamic load

effects of swinging, hoisting or lowering, wind conditions, as well as adverse operating conditions and physical machine depreciation. Refer to operators manual for operating guidelines.

**MACHINE TRAVEL:** Machine to travel with outrigger jacks retracted on a firm, level and uniformly supporting surface with boom and luffing jib within angle range shown in capacity chart. Refer to Maximum Allowable Travel Specification chart **No. 8103-B**.

**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. Luffing jib angle is angle between horizontal and centerline of luffing jib butt and inserts, and is an indication of operating radius. In all cases, operating radius shall govern capacity.

**FIXED JIB POINT ELEVATION:** Fixed jib point elevation is vertical distance from ground level to centerline of fixed jib point shaft.

**MACHINE EQUIPMENT:** Machine equipped with Manitowoc 10 x 6 carrier, 277 in. wheel base, 117 in. front axle track, 100 in. rear axle track, 14.00 x 24 tires, 96 in. front outriggers, 70 in. rear outriggers, two 12 in. boom hoist cylinders, 26 Ft. mast, two boom support straps, 7 part luffing jib hoist reeving, two 1-1/2 in. luffing jib pendants, two 1-3/8 in. luffing jib backstays, 95,400 Lb. crane counterweight and 25,000 Lb. front bumper counterweight.

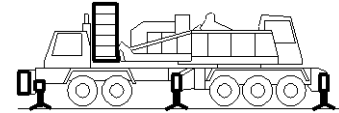
Maximum capacity on 1 in. wire rope is 27,000 Lbs. per line (20,000 Lbs. per line on 1 in. or 26 mm wire rope when auxiliary drum is used).

# Liftcrane Fixed Jib Capacities

**777T**

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
Luffing Jib No. 139 On Boom No. 78T With Heavy Lift Top  
95,400 Lb. Crane Counterweight  
25,000 Lb. Front Bumper Counterweight  
360 Degree Rating On Fully Extended Outriggers

Designed And Tested  
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ANSI B30.5



## 140 Ft. Boom, 140 Ft. Luffing Jib, 30 Ft. Fixed Jib

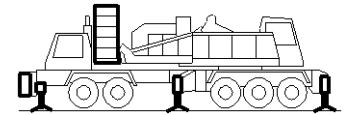
| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle  |                            |                           | 83 Degree Boom Angle  |                            |                           | 70 Degree Boom Angle  |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|-----------------------|----------------------------|---------------------------|-----------------------|----------------------------|---------------------------|-----------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Ang. Deg. | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Ang. Deg. | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Ang. Deg. | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 55                        | 75.4                  | 316.4                      | 27,000 *                  |                       |                            |                           |                       |                            |                           | 55                        |
| 60                        | 73.6                  | 314.9                      | 26,800 *                  |                       |                            |                           |                       |                            |                           | 60                        |
| 65                        | 71.9                  | 313.3                      | 26,500 *                  |                       |                            |                           |                       |                            |                           | 65                        |
| 70                        | 70.1                  | 311.6                      | 26,200 *                  |                       |                            |                           |                       |                            |                           | 70                        |
| 75                        | 68.3                  | 309.6                      | 26,000 *                  |                       |                            |                           |                       |                            |                           | 75                        |
| 80                        | 66.5                  | 307.5                      | 25,700 *                  | 71.0                  | 311.4                      | 26,400 *                  |                       |                            |                           | 80                        |
| 85                        | 64.6                  | 305.1                      | 24,700 *                  | 69.2                  | 309.5                      | 26,200 *                  |                       |                            |                           | 85                        |
| 90                        | 62.8                  | 302.6                      | 23,700 *                  | 67.4                  | 307.4                      | 26,000 *                  |                       |                            |                           | 90                        |
| 95                        | 60.8                  | 299.8                      | 22,800 *                  | 65.5                  | 305.2                      | 25,500 *                  |                       |                            |                           | 95                        |
| 100                       | 58.9                  | 296.9                      | 21,900 *                  | 63.6                  | 302.8                      | 24,500 *                  |                       |                            |                           | 100                       |
| 105                       | 56.9                  | 293.7                      | 21,100 *                  | 61.8                  | 300.1                      | 23,500 *                  |                       |                            |                           | 105                       |
| 110                       | 54.9                  | 290.2                      | 20,400 *                  | 59.8                  | 297.3                      | 22,600 *                  |                       |                            |                           | 110                       |
| 115                       | 52.8                  | 286.5                      | 19,700 *                  | 57.9                  | 294.2                      | 21,800 *                  |                       |                            |                           | 115                       |
| 120                       | 50.6                  | 282.5                      | 19,100 *                  | 55.8                  | 290.8                      | 21,000 *                  |                       |                            |                           | 120                       |
| 125                       | 48.4                  | 278.1                      | 18,500 *                  | 53.8                  | 287.2                      | 20,300 *                  |                       |                            |                           | 125                       |
| 130                       | 46.1                  | 273.4                      | 17,900 *                  | 51.7                  | 283.3                      | 19,600 *                  |                       |                            |                           | 130                       |
| 135                       | 43.7                  | 268.3                      | 17,400 *                  | 49.5                  | 279.1                      | 19,000 *                  |                       |                            |                           | 135                       |
| 140                       | 41.2                  | 262.7                      | 16,900 *                  | 47.2                  | 274.6                      | 18,400 *                  |                       |                            |                           | 140                       |
| 145                       | 38.5                  | 256.6                      | 16,500 *                  | 44.8                  | 269.7                      | 17,900 *                  |                       |                            |                           | 145                       |
| 150                       | 35.7                  | 249.8                      | 16,000 *                  | 42.4                  | 264.3                      | 17,400 *                  | 56.4                  | 284.0                      | 13,600                    | 150                       |
| 155                       | 32.7                  | 242.3                      | 15,100 *                  | 39.8                  | 258.5                      | 16,900 *                  | 54.3                  | 280.4                      | 12,900                    | 155                       |
| 160                       | 29.4                  | 233.8                      | 14,200 *                  | 37.1                  | 252.1                      | 16,400 *                  | 52.2                  | 276.6                      | 12,200                    | 160                       |
| 165                       | 25.7                  | 224.0                      | 13,400 *                  | 34.2                  | 244.9                      | 15,600 *                  | 50.0                  | 272.5                      | 11,600                    | 165                       |
| 170                       | 21.4                  | 212.2                      | 12,600 *                  | 31.0                  | 237.0                      | 14,700 *                  | 47.8                  | 268.1                      | 11,100                    | 170                       |
| 175                       | 16.0                  | 197.0                      | 11,700 *                  | 27.5                  | 227.8                      | 13,900 *                  | 45.5                  | 263.3                      | 10,500                    | 175                       |
| 180                       | 7.4                   | 171.6                      | 9,700 *                   | 23.6                  | 217.1                      | 13,000 *                  | 43.0                  | 258.0                      | 10,000                    | 180                       |
| 185                       |                       |                            |                           | 18.8                  | 203.8                      | 12,200 *                  | 40.5                  | 252.3                      | 9,600                     | 185                       |
| 190                       |                       |                            |                           | 12.3                  | 185.1                      | 11,500 *                  | 37.8                  | 246.1                      | 9,100                     | 190                       |
| 195                       |                       |                            |                           |                       |                            |                           | 35.0                  | 239.1                      | 8,700                     | 195                       |
| 200                       |                       |                            |                           |                       |                            |                           | 31.9                  | 231.4                      | 8,300                     | 200                       |
| 205                       |                       |                            |                           |                       |                            |                           | 28.5                  | 222.6                      | 7,900                     | 205                       |
| 210                       |                       |                            |                           |                       |                            |                           | 24.6                  | 212.3                      | 7,500                     | 210                       |
| 220                       |                       |                            |                           |                       |                            |                           | 14.3                  | 183.1                      | 6,800                     | 220                       |

# Liftcrane Fixed Jib Capacities

**777T**

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
 Luffing Jib No. 139 On Boom No. 78T With Heavy Lift Top  
 95,400 Lb. Crane Counterweight  
 25,000 Lb. Front Bumper Counterweight  
 360 Degree Rating On Fully Extended Outriggers

Designed And Tested  
 With The Intent To  
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 ANSI B30.5



## 140 Ft. Boom, 150 Ft. Luffing Jib, 30 Ft. Fixed Jib

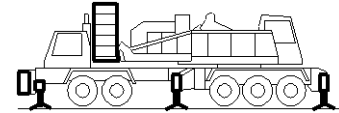
| Fixed Jib<br>Oper.<br>Rad.<br>Feet | 88 Degree<br>Boom Angle        |                                        |                                 | 83 Degree<br>Boom Angle        |                                        |                                 | 70 Degree<br>Boom Angle        |                                        |                                 | Fixed Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|------------------------------------|
|                                    | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds |                                    |
| 60                                 | 74.6                           | 325.4                                  | 26,100 *                        |                                |                                        |                                 |                                |                                        |                                 | 60                                 |
| 65                                 | 72.9                           | 323.9                                  | 25,900 *                        |                                |                                        |                                 |                                |                                        |                                 | 65                                 |
| 70                                 | 71.2                           | 322.2                                  | 25,700 *                        |                                |                                        |                                 |                                |                                        |                                 | 70                                 |
| 75                                 | 69.6                           | 320.4                                  | 25,500 *                        |                                |                                        |                                 |                                |                                        |                                 | 75                                 |
| 80                                 | 67.9                           | 318.4                                  | 25,100 *                        |                                |                                        |                                 |                                |                                        |                                 | 80                                 |
| 85                                 | 66.1                           | 316.2                                  | 24,100 *                        | 70.4                           | 320.2                                  | 24,700 *                        |                                |                                        |                                 | 85                                 |
| 90                                 | 64.4                           | 313.8                                  | 23,200 *                        | 68.7                           | 318.3                                  | 24,500 *                        |                                |                                        |                                 | 90                                 |
| 95                                 | 62.6                           | 311.3                                  | 22,300 *                        | 67.0                           | 316.2                                  | 24,300 *                        |                                |                                        |                                 | 95                                 |
| 100                                | 60.8                           | 308.5                                  | 21,500 *                        | 65.2                           | 313.9                                  | 23,900 *                        |                                |                                        |                                 | 100                                |
| 105                                | 59.0                           | 305.5                                  | 20,700 *                        | 63.5                           | 311.4                                  | 23,000 *                        |                                |                                        |                                 | 105                                |
| 110                                | 57.1                           | 302.4                                  | 20,000 *                        | 61.7                           | 308.8                                  | 22,100 *                        |                                |                                        |                                 | 110                                |
| 115                                | 55.2                           | 298.9                                  | 19,400 *                        | 59.8                           | 305.9                                  | 21,300 *                        |                                |                                        |                                 | 115                                |
| 120                                | 53.2                           | 295.3                                  | 18,800 *                        | 58.0                           | 302.8                                  | 20,600 *                        |                                |                                        |                                 | 120                                |
| 125                                | 51.2                           | 291.3                                  | 18,200 *                        | 56.1                           | 299.5                                  | 19,900 *                        |                                |                                        |                                 | 125                                |
| 130                                | 49.1                           | 287.0                                  | 17,600 *                        | 54.1                           | 296.0                                  | 19,300 *                        |                                |                                        |                                 | 130                                |
| 135                                | 46.9                           | 282.5                                  | 17,200 *                        | 52.1                           | 292.2                                  | 18,700 *                        |                                |                                        |                                 | 135                                |
| 140                                | 44.7                           | 277.5                                  | 16,700 *                        | 50.1                           | 288.0                                  | 18,100 *                        |                                |                                        |                                 | 140                                |
| 145                                | 42.4                           | 272.2                                  | 16,300 *                        | 48.0                           | 283.6                                  | 17,600 *                        |                                |                                        |                                 | 145                                |
| 150                                | 40.0                           | 266.3                                  | 15,800 *                        | 45.8                           | 278.8                                  | 17,100 *                        |                                |                                        |                                 | 150                                |
| 155                                | 37.4                           | 260.0                                  | 15,000 *                        | 43.5                           | 273.7                                  | 16,700 *                        | 56.6                           | 292.7                                  | 12,700                          | 155                                |
| 160                                | 34.7                           | 253.0                                  | 14,100 *                        | 41.1                           | 268.1                                  | 16,200 *                        | 54.6                           | 289.2                                  | 12,100                          | 160                                |
| 165                                | 31.7                           | 245.2                                  | 13,300 *                        | 38.6                           | 262.0                                  | 15,400 *                        | 52.7                           | 285.4                                  | 11,500                          | 165                                |
| 170                                | 28.5                           | 236.4                                  | 12,600 *                        | 36.0                           | 255.3                                  | 14,600 *                        | 50.6                           | 281.4                                  | 10,900                          | 170                                |
| 175                                | 25.0                           | 226.2                                  | 11,800 *                        | 33.2                           | 247.9                                  | 13,800 *                        | 48.5                           | 277.0                                  | 10,400                          | 175                                |
| 180                                | 20.8                           | 214.1                                  | 11,100 *                        | 30.1                           | 239.6                                  | 13,000 *                        | 46.4                           | 272.4                                  | 9,900                           | 180                                |
| 185                                | 15.6                           | 198.3                                  | 10,300 *                        | 26.7                           | 230.2                                  | 12,200 *                        | 44.1                           | 267.3                                  | 9,400                           | 185                                |
| 190                                | 7.1                            | 172.2                                  | 8,500 *                         | 22.9                           | 219.1                                  | 11,500 *                        | 41.8                           | 261.8                                  | 9,000                           | 190                                |
| 195                                |                                |                                        |                                 | 18.2                           | 205.4                                  | 10,800 *                        | 39.3                           | 255.9                                  | 8,600                           | 195                                |
| 200                                |                                |                                        |                                 | 11.9                           | 186.1                                  | 10,100 *                        | 36.7                           | 249.4                                  | 8,200                           | 200                                |
| 205                                |                                |                                        |                                 |                                |                                        |                                 | 33.9                           | 242.2                                  | 7,800                           | 205                                |
| 210                                |                                |                                        |                                 |                                |                                        |                                 | 30.9                           | 234.1                                  | 7,400                           | 210                                |
| 220                                |                                |                                        |                                 |                                |                                        |                                 | 23.9                           | 214.4                                  | 6,700                           | 220                                |
| 230                                |                                |                                        |                                 |                                |                                        |                                 | 13.9                           | 184.3                                  | 6,100                           | 230                                |

# Liftcrane Fixed Jib Capacities

**777T**

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
Luffing Jib No. 139 On Boom No. 78T With Heavy Lift Top  
95,400 Lb. Crane Counterweight  
25,000 Lb. Front Bumper Counterweight  
360 Degree Rating On Fully Extended Outriggers

Designed And Tested  
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Be In The Scope of  
ANSI B30.5



## 140 Ft. Boom, 160 Ft. Luffing Jib, 30 Ft. Fixed Jib

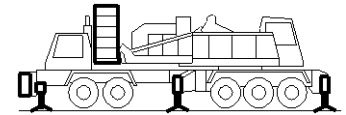
| Fixed<br>Jib<br>Oper.<br>Rad.<br>Feet | 88 Degree<br>Boom Angle        |                                        |                                 | 83 Degree<br>Boom Angle        |                                        |                                 | 70 Degree<br>Boom Angle        |                                        |                                 | Fixed<br>Jib<br>Oper.<br>Rad.<br>Feet |
|---------------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|---------------------------------------|
|                                       | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds |                                       |
| 60                                    | 75.4                           | 335.7                                  | 23,700 *                        |                                |                                        |                                 |                                |                                        |                                 | 60                                    |
| 65                                    | 73.8                           | 334.3                                  | 23,300 *                        |                                |                                        |                                 |                                |                                        |                                 | 65                                    |
| 70                                    | 72.3                           | 332.7                                  | 23,000 *                        |                                |                                        |                                 |                                |                                        |                                 | 70                                    |
| 75                                    | 70.7                           | 331.0                                  | 22,800 *                        |                                |                                        |                                 |                                |                                        |                                 | 75                                    |
| 80                                    | 69.1                           | 329.1                                  | 22,500 *                        |                                |                                        |                                 |                                |                                        |                                 | 80                                    |
| 85                                    | 67.5                           | 327.1                                  | 22,200 *                        |                                |                                        |                                 |                                |                                        |                                 | 85                                    |
| 90                                    | 65.8                           | 324.9                                  | 21,900 *                        | 69.8                           | 329.0                                  | 21,700 *                        |                                |                                        |                                 | 90                                    |
| 95                                    | 64.2                           | 322.5                                  | 21,700 *                        | 68.2                           | 327.0                                  | 21,600 *                        |                                |                                        |                                 | 95                                    |
| 100                                   | 62.5                           | 319.9                                  | 21,000 *                        | 66.6                           | 324.9                                  | 21,400 *                        |                                |                                        |                                 | 100                                   |
| 105                                   | 60.8                           | 317.2                                  | 20,300 *                        | 64.9                           | 322.6                                  | 21,200 *                        |                                |                                        |                                 | 105                                   |
| 110                                   | 59.0                           | 314.2                                  | 19,700 *                        | 63.3                           | 320.1                                  | 21,000 *                        |                                |                                        |                                 | 110                                   |
| 115                                   | 57.2                           | 311.0                                  | 19,000 *                        | 61.6                           | 317.4                                  | 20,800 *                        |                                |                                        |                                 | 115                                   |
| 120                                   | 55.4                           | 307.6                                  | 18,500 *                        | 59.8                           | 314.6                                  | 20,200 *                        |                                |                                        |                                 | 120                                   |
| 125                                   | 53.6                           | 304.0                                  | 17,900 *                        | 58.1                           | 311.5                                  | 19,500 *                        |                                |                                        |                                 | 125                                   |
| 130                                   | 51.7                           | 300.1                                  | 17,400 *                        | 56.3                           | 308.2                                  | 18,900 *                        |                                |                                        |                                 | 130                                   |
| 135                                   | 49.7                           | 296.0                                  | 16,900 *                        | 54.5                           | 304.7                                  | 18,400 *                        |                                |                                        |                                 | 135                                   |
| 140                                   | 47.7                           | 291.5                                  | 16,500 *                        | 52.6                           | 300.9                                  | 17,800 *                        |                                |                                        |                                 | 140                                   |
| 145                                   | 45.6                           | 286.7                                  | 16,100 *                        | 50.6                           | 296.9                                  | 17,300 *                        |                                |                                        |                                 | 145                                   |
| 150                                   | 43.5                           | 281.5                                  | 15,600 *                        | 48.7                           | 292.6                                  | 16,900 *                        |                                |                                        |                                 | 150                                   |
| 155                                   | 41.2                           | 275.9                                  | 14,700 *                        | 46.6                           | 287.9                                  | 16,400 *                        |                                |                                        |                                 | 155                                   |
| 160                                   | 38.9                           | 269.9                                  | 13,900 *                        | 44.5                           | 283.0                                  | 15,800 *                        | 56.8                           | 301.3                                  | 11,700                          | 160                                   |
| 165                                   | 36.4                           | 263.3                                  | 13,100 *                        | 42.3                           | 277.6                                  | 15,000 *                        | 54.9                           | 297.9                                  | 11,100                          | 165                                   |
| 170                                   | 33.7                           | 256.0                                  | 12,300 *                        | 40.0                           | 271.7                                  | 14,300 *                        | 53.1                           | 294.2                                  | 10,600                          | 170                                   |
| 175                                   | 30.9                           | 247.9                                  | 11,600 *                        | 37.6                           | 265.4                                  | 13,500 *                        | 51.2                           | 290.2                                  | 10,000                          | 175                                   |
| 180                                   | 27.8                           | 238.8                                  | 10,900 *                        | 35.0                           | 258.5                                  | 12,700 *                        | 49.2                           | 286.0                                  | 9,500                           | 180                                   |
| 185                                   | 24.3                           | 228.4                                  | 10,200 *                        | 32.3                           | 250.8                                  | 12,000 *                        | 47.2                           | 281.4                                  | 9,100                           | 185                                   |
| 190                                   | 20.2                           | 215.8                                  | 9,600 *                         | 29.3                           | 242.2                                  | 11,300 *                        | 45.1                           | 276.5                                  | 8,600                           | 190                                   |
| 195                                   | 15.1                           | 199.7                                  | 8,900 *                         | 26.0                           | 232.5                                  | 10,600 *                        | 42.9                           | 271.3                                  | 8,200                           | 195                                   |
| 200                                   | 6.9                            | 172.8                                  | 7,200 *                         | 22.2                           | 221.0                                  | 10,000 *                        | 40.6                           | 265.6                                  | 7,800                           | 200                                   |
| 205                                   |                                |                                        |                                 | 17.7                           | 206.9                                  | 9,300 *                         | 38.2                           | 259.4                                  | 7,400                           | 205                                   |
| 210                                   |                                |                                        |                                 | 11.6                           | 187.1                                  | 8,700 *                         | 35.7                           | 252.6                                  | 7,000                           | 210                                   |
| 220                                   |                                |                                        |                                 |                                |                                        |                                 | 30.1                           | 236.8                                  | 6,400                           | 220                                   |
| 230                                   |                                |                                        |                                 |                                |                                        |                                 | 23.3                           | 216.5                                  | 5,700                           | 230                                   |
| 240                                   |                                |                                        |                                 |                                |                                        |                                 | 13.5                           | 185.5                                  | 5,100                           | 240                                   |

# Liftcrane Fixed Jib Capacities

**777T**

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
Luffing Jib No. 139 On Boom No. 78T With Heavy Lift Top  
95,400 Lb. Crane Counterweight  
25,000 Lb. Front Bumper Counterweight  
360 Degree Rating On Fully Extended Outriggers

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ANSI B30.5



## 140 Ft. Boom, 170 Ft. Luffing Jib, 30 Ft. Fixed Jib

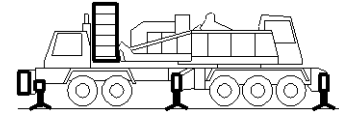
| Fixed Jib<br>Oper.<br>Rad.<br>Feet | 88 Degree<br>Boom Angle        |                                        |                                 | 83 Degree<br>Boom Angle        |                                        |                                 | 70 Degree<br>Boom Angle        |                                        |                                 | Fixed Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|------------------------------------|
|                                    | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds |                                    |
| 65                                 | 74.7                           | 344.7                                  | 20,900 *                        |                                |                                        |                                 |                                |                                        |                                 | 65                                 |
| 70                                 | 73.2                           | 343.2                                  | 20,600 *                        |                                |                                        |                                 |                                |                                        |                                 | 70                                 |
| 75                                 | 71.7                           | 341.6                                  | 20,300 *                        |                                |                                        |                                 |                                |                                        |                                 | 75                                 |
| 80                                 | 70.2                           | 339.8                                  | 20,100 *                        |                                |                                        |                                 |                                |                                        |                                 | 80                                 |
| 85                                 | 68.6                           | 337.9                                  | 20,000 *                        |                                |                                        |                                 |                                |                                        |                                 | 85                                 |
| 90                                 | 67.1                           | 335.8                                  | 19,500 *                        | 70.9                           | 339.6                                  | 19,300 *                        |                                |                                        |                                 | 90                                 |
| 95                                 | 65.5                           | 333.6                                  | 19,300 *                        | 69.4                           | 337.8                                  | 19,100 *                        |                                |                                        |                                 | 95                                 |
| 100                                | 63.9                           | 331.2                                  | 19,000 *                        | 67.8                           | 335.8                                  | 19,000 *                        |                                |                                        |                                 | 100                                |
| 105                                | 62.3                           | 328.6                                  | 18,800 *                        | 66.3                           | 333.6                                  | 18,800 *                        |                                |                                        |                                 | 105                                |
| 110                                | 60.7                           | 325.8                                  | 18,600 *                        | 64.7                           | 331.3                                  | 18,600 *                        |                                |                                        |                                 | 110                                |
| 115                                | 59.1                           | 322.9                                  | 18,300 *                        | 63.1                           | 328.8                                  | 18,500 *                        |                                |                                        |                                 | 115                                |
| 120                                | 57.4                           | 319.7                                  | 17,800 *                        | 61.5                           | 326.1                                  | 18,200 *                        |                                |                                        |                                 | 120                                |
| 125                                | 55.7                           | 316.3                                  | 17,400 *                        | 59.9                           | 323.2                                  | 18,000 *                        |                                |                                        |                                 | 125                                |
| 130                                | 53.9                           | 312.8                                  | 16,900 *                        | 58.2                           | 320.2                                  | 17,800 *                        |                                |                                        |                                 | 130                                |
| 135                                | 52.1                           | 308.9                                  | 16,400 *                        | 56.5                           | 316.9                                  | 17,600 *                        |                                |                                        |                                 | 135                                |
| 140                                | 50.3                           | 304.8                                  | 16,000 *                        | 54.7                           | 313.4                                  | 17,200 *                        |                                |                                        |                                 | 140                                |
| 145                                | 48.4                           | 300.5                                  | 15,500 *                        | 53.0                           | 309.7                                  | 16,700 *                        |                                |                                        |                                 | 145                                |
| 150                                | 46.4                           | 295.8                                  | 15,100 *                        | 51.1                           | 305.7                                  | 16,200 *                        |                                |                                        |                                 | 150                                |
| 155                                | 44.4                           | 290.8                                  | 14,500 *                        | 49.3                           | 301.5                                  | 15,800 *                        |                                |                                        |                                 | 155                                |
| 160                                | 42.3                           | 285.4                                  | 13,600 *                        | 47.4                           | 297.0                                  | 15,400 *                        |                                |                                        |                                 | 160                                |
| 165                                | 40.1                           | 279.6                                  | 12,800 *                        | 45.4                           | 292.1                                  | 14,600 *                        | 56.9                           | 310.0                                  | 10,800                          | 165                                |
| 170                                | 37.8                           | 273.3                                  | 12,000 *                        | 43.3                           | 286.9                                  | 13,900 *                        | 55.2                           | 306.6                                  | 10,300                          | 170                                |
| 175                                | 35.4                           | 266.4                                  | 11,300 *                        | 41.2                           | 281.3                                  | 13,200 *                        | 53.4                           | 303.0                                  | 9,700                           | 175                                |
| 180                                | 32.8                           | 258.9                                  | 10,700 *                        | 38.9                           | 275.3                                  | 12,500 *                        | 51.6                           | 299.1                                  | 9,200                           | 180                                |
| 185                                | 30.1                           | 250.6                                  | 10,000 *                        | 36.6                           | 268.7                                  | 11,700 *                        | 49.8                           | 294.9                                  | 8,800                           | 185                                |
| 190                                | 27.0                           | 241.2                                  | 9,400 *                         | 34.1                           | 261.5                                  | 11,000 *                        | 47.9                           | 290.4                                  | 8,300                           | 190                                |
| 195                                | 23.6                           | 230.4                                  | 8,800 *                         | 31.4                           | 253.6                                  | 10,400 *                        | 45.9                           | 285.7                                  | 7,900                           | 195                                |
| 200                                | 19.7                           | 217.5                                  | 8,200 *                         | 28.5                           | 244.8                                  | 9,800 *                         | 43.8                           | 280.6                                  | 7,500                           | 200                                |
| 205                                | 14.7                           | 200.9                                  | 7,600 *                         | 25.3                           | 234.7                                  | 9,200 *                         | 41.7                           | 275.1                                  | 7,100                           | 205                                |
| 210                                | 6.7                            | 173.3                                  | 6,100 *                         | 21.7                           | 222.9                                  | 8,600 *                         | 39.5                           | 269.1                                  | 6,800                           | 210                                |
| 220                                |                                |                                        |                                 | 11.3                           | 188.1                                  | 7,400 *                         | 34.7                           | 255.7                                  | 6,100                           | 220                                |
| 230                                |                                |                                        |                                 |                                |                                        |                                 | 29.3                           | 239.4                                  | 5,500                           | 230                                |
| 240                                |                                |                                        |                                 |                                |                                        |                                 | 22.7                           | 218.5                                  | 4,900                           | 240                                |
| 250                                |                                |                                        |                                 |                                |                                        |                                 | 13.1                           | 186.6                                  | 4,400                           | 250                                |

# Liftcrane Fixed Jib Capacities

**777T**

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
Luffing Jib No. 139 On Boom No. 78T With Heavy Lift Top  
95,400 Lb. Crane Counterweight  
25,000 Lb. Front Bumper Counterweight  
360 Degree Rating On Fully Extended Outriggers

Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 140 Ft. Boom, 140 Ft. Luffing Jib, 40 Ft. Fixed Jib

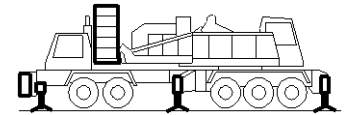
| Fixed Jib<br>Oper.<br>Rad.<br>Feet | 88 Degree<br>Boom Angle        |                                        |                                 | 83 Degree<br>Boom Angle        |                                        |                                 | 70 Degree<br>Boom Angle        |                                        |                                 | Fixed Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|------------------------------------|
|                                    | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds |                                    |
| 60                                 | 75.0                           | 325.3                                  | 22,400 *                        |                                |                                        |                                 |                                |                                        |                                 | 60                                 |
| 65                                 | 73.3                           | 323.8                                  | 22,100 *                        |                                |                                        |                                 |                                |                                        |                                 | 65                                 |
| 70                                 | 71.7                           | 322.1                                  | 21,900 *                        |                                |                                        |                                 |                                |                                        |                                 | 70                                 |
| 75                                 | 70.0                           | 320.3                                  | 21,700 *                        |                                |                                        |                                 |                                |                                        |                                 | 75                                 |
| 80                                 | 68.3                           | 318.3                                  | 21,400 *                        |                                |                                        |                                 |                                |                                        |                                 | 80                                 |
| 85                                 | 66.5                           | 316.1                                  | 21,000 *                        | 70.8                           | 320.1                                  | 21,800 *                        |                                |                                        |                                 | 85                                 |
| 90                                 | 64.8                           | 313.8                                  | 20,100 *                        | 69.1                           | 318.2                                  | 21,600 *                        |                                |                                        |                                 | 90                                 |
| 95                                 | 63.0                           | 311.2                                  | 19,300 *                        | 67.4                           | 316.1                                  | 21,500 *                        |                                |                                        |                                 | 95                                 |
| 100                                | 61.2                           | 308.5                                  | 18,600 *                        | 65.6                           | 313.8                                  | 20,800 *                        |                                |                                        |                                 | 100                                |
| 105                                | 59.4                           | 305.5                                  | 17,900 *                        | 63.9                           | 311.4                                  | 20,000 *                        |                                |                                        |                                 | 105                                |
| 110                                | 57.5                           | 302.3                                  | 17,300 *                        | 62.1                           | 308.7                                  | 19,200 *                        |                                |                                        |                                 | 110                                |
| 115                                | 55.6                           | 298.9                                  | 16,700 *                        | 60.2                           | 305.9                                  | 18,500 *                        |                                |                                        |                                 | 115                                |
| 120                                | 53.6                           | 295.2                                  | 16,100 *                        | 58.4                           | 302.8                                  | 17,800 *                        |                                |                                        |                                 | 120                                |
| 125                                | 51.6                           | 291.2                                  | 15,600 *                        | 56.5                           | 299.5                                  | 17,200 *                        |                                |                                        |                                 | 125                                |
| 130                                | 49.5                           | 287.0                                  | 15,100 *                        | 54.5                           | 295.9                                  | 16,600 *                        |                                |                                        |                                 | 130                                |
| 135                                | 47.4                           | 282.4                                  | 14,600 *                        | 52.5                           | 292.1                                  | 16,000 *                        |                                |                                        |                                 | 135                                |
| 140                                | 45.1                           | 277.4                                  | 14,200 *                        | 50.5                           | 288.0                                  | 15,500 *                        |                                |                                        |                                 | 140                                |
| 145                                | 42.8                           | 272.1                                  | 13,800 *                        | 48.4                           | 283.6                                  | 15,000 *                        |                                |                                        |                                 | 145                                |
| 150                                | 40.4                           | 266.3                                  | 13,500 *                        | 46.2                           | 278.8                                  | 14,600 *                        |                                |                                        |                                 | 150                                |
| 155                                | 37.8                           | 259.9                                  | 13,100 *                        | 43.9                           | 273.6                                  | 14,200 *                        | 57.0                           | 292.6                                  | 13,000                          | 155                                |
| 160                                | 35.1                           | 252.9                                  | 12,800 *                        | 41.5                           | 268.0                                  | 13,800 *                        | 55.1                           | 289.1                                  | 12,300                          | 160                                |
| 165                                | 32.1                           | 245.1                                  | 12,500 *                        | 39.0                           | 261.9                                  | 13,400 *                        | 53.1                           | 285.4                                  | 11,700                          | 165                                |
| 170                                | 28.9                           | 236.3                                  | 12,200 *                        | 36.4                           | 255.2                                  | 13,100 *                        | 51.0                           | 281.3                                  | 11,200                          | 170                                |
| 175                                | 25.3                           | 226.1                                  | 11,900 *                        | 33.6                           | 247.8                                  | 12,700 *                        | 48.9                           | 277.0                                  | 10,600                          | 175                                |
| 180                                | 21.2                           | 213.9                                  | 11,500 *                        | 30.5                           | 239.5                                  | 12,400 *                        | 46.8                           | 272.3                                  | 10,100                          | 180                                |
| 185                                | 15.9                           | 198.2                                  | 10,700 *                        | 27.1                           | 230.1                                  | 12,200 *                        | 44.5                           | 267.3                                  | 9,700                           | 185                                |
| 190                                | 7.4                            | 171.8                                  | 8,900 *                         | 23.3                           | 219.0                                  | 11,900 *                        | 42.2                           | 261.8                                  | 9,200                           | 190                                |
| 195                                |                                |                                        |                                 | 18.6                           | 205.2                                  | 11,200 *                        | 39.7                           | 255.8                                  | 8,800                           | 195                                |
| 200                                |                                |                                        |                                 | 12.3                           | 185.9                                  | 10,500 *                        | 37.1                           | 249.3                                  | 8,400                           | 200                                |
| 205                                |                                |                                        |                                 |                                |                                        |                                 | 34.3                           | 242.1                                  | 8,000                           | 205                                |
| 210                                |                                |                                        |                                 |                                |                                        |                                 | 31.3                           | 234.0                                  | 7,600                           | 210                                |
| 220                                |                                |                                        |                                 |                                |                                        |                                 | 24.3                           | 214.3                                  | 7,000                           | 220                                |
| 230                                |                                |                                        |                                 |                                |                                        |                                 | 14.2                           | 184.1                                  | 6,300                           | 230                                |

# Liftcrane Fixed Jib Capacities

**777T**

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
Luffing Jib No. 139 On Boom No. 78T With Heavy Lift Top  
95,400 Lb. Crane Counterweight  
25,000 Lb. Front Bumper Counterweight  
360 Degree Rating On Fully Extended Outriggers

Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 140 Ft. Boom, 150 Ft. Luffing Jib, 40 Ft. Fixed Jib

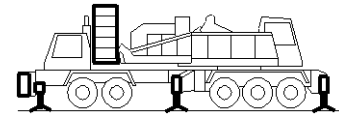
| Fixed Jib<br>Oper.<br>Rad.<br>Feet | 88 Degree<br>Boom Angle        |                                        |                                 | 83 Degree<br>Boom Angle        |                                        |                                 | 70 Degree<br>Boom Angle        |                                        |                                 | Fixed Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|------------------------------------|
|                                    | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds |                                    |
| 60                                 | 75.8                           | 335.7                                  | 21,900 *                        |                                |                                        |                                 |                                |                                        |                                 | 60                                 |
| 65                                 | 74.2                           | 334.3                                  | 21,700 *                        |                                |                                        |                                 |                                |                                        |                                 | 65                                 |
| 70                                 | 72.7                           | 332.7                                  | 21,500 *                        |                                |                                        |                                 |                                |                                        |                                 | 70                                 |
| 75                                 | 71.1                           | 331.0                                  | 21,200 *                        |                                |                                        |                                 |                                |                                        |                                 | 75                                 |
| 80                                 | 69.5                           | 329.1                                  | 21,000 *                        |                                |                                        |                                 |                                |                                        |                                 | 80                                 |
| 85                                 | 67.8                           | 327.0                                  | 20,500 *                        |                                |                                        |                                 |                                |                                        |                                 | 85                                 |
| 90                                 | 66.2                           | 324.8                                  | 19,700 *                        | 70.2                           | 328.9                                  | 21,200 *                        |                                |                                        |                                 | 90                                 |
| 95                                 | 64.5                           | 322.4                                  | 18,900 *                        | 68.6                           | 327.0                                  | 21,000 *                        |                                |                                        |                                 | 95                                 |
| 100                                | 62.9                           | 319.9                                  | 18,200 *                        | 67.0                           | 324.8                                  | 20,300 *                        |                                |                                        |                                 | 100                                |
| 105                                | 61.1                           | 317.1                                  | 17,600 *                        | 65.3                           | 322.5                                  | 19,500 *                        |                                |                                        |                                 | 105                                |
| 110                                | 59.4                           | 314.2                                  | 16,900 *                        | 63.7                           | 320.1                                  | 18,800 *                        |                                |                                        |                                 | 110                                |
| 115                                | 57.6                           | 311.0                                  | 16,400 *                        | 62.0                           | 317.4                                  | 18,100 *                        |                                |                                        |                                 | 115                                |
| 120                                | 55.8                           | 307.6                                  | 15,800 *                        | 60.2                           | 314.5                                  | 17,400 *                        |                                |                                        |                                 | 120                                |
| 125                                | 54.0                           | 303.9                                  | 15,300 *                        | 58.5                           | 311.5                                  | 16,800 *                        |                                |                                        |                                 | 125                                |
| 130                                | 52.0                           | 300.1                                  | 14,900 *                        | 56.7                           | 308.2                                  | 16,300 *                        |                                |                                        |                                 | 130                                |
| 135                                | 50.1                           | 295.9                                  | 14,400 *                        | 54.8                           | 304.6                                  | 15,700 *                        |                                |                                        |                                 | 135                                |
| 140                                | 48.1                           | 291.4                                  | 14,000 *                        | 53.0                           | 300.9                                  | 15,300 *                        |                                |                                        |                                 | 140                                |
| 145                                | 46.0                           | 286.6                                  | 13,600 *                        | 51.0                           | 296.8                                  | 14,800 *                        |                                |                                        |                                 | 145                                |
| 150                                | 43.8                           | 281.4                                  | 13,300 *                        | 49.0                           | 292.5                                  | 14,400 *                        |                                |                                        |                                 | 150                                |
| 155                                | 41.6                           | 275.8                                  | 12,900 *                        | 47.0                           | 287.9                                  | 14,000 *                        |                                |                                        |                                 | 155                                |
| 160                                | 39.2                           | 269.8                                  | 12,600 *                        | 44.9                           | 282.9                                  | 13,600 *                        | 57.1                           | 301.3                                  | 12,200                          | 160                                |
| 165                                | 36.7                           | 263.2                                  | 12,300 *                        | 42.7                           | 277.5                                  | 13,200 *                        | 55.3                           | 297.8                                  | 11,600                          | 165                                |
| 170                                | 34.1                           | 255.9                                  | 12,000 *                        | 40.4                           | 271.7                                  | 12,900 *                        | 53.5                           | 294.1                                  | 11,000                          | 170                                |
| 175                                | 31.2                           | 247.8                                  | 11,700 *                        | 37.9                           | 265.3                                  | 12,600 *                        | 51.5                           | 290.2                                  | 10,500                          | 175                                |
| 180                                | 28.1                           | 238.7                                  | 11,500 *                        | 35.4                           | 258.4                                  | 12,300 *                        | 49.6                           | 285.9                                  | 10,000                          | 180                                |
| 185                                | 24.6                           | 228.2                                  | 10,800 *                        | 32.6                           | 250.7                                  | 12,000 *                        | 47.5                           | 281.4                                  | 9,500                           | 185                                |
| 190                                | 20.6                           | 215.7                                  | 10,200 *                        | 29.6                           | 242.1                                  | 11,700 *                        | 45.4                           | 276.5                                  | 9,100                           | 190                                |
| 195                                | 15.5                           | 199.5                                  | 9,400 *                         | 26.4                           | 232.4                                  | 11,200 *                        | 43.3                           | 271.2                                  | 8,700                           | 195                                |
| 200                                | 7.2                            | 172.3                                  | 7,800 *                         | 22.6                           | 220.9                                  | 10,600 *                        | 41.0                           | 265.5                                  | 8,300                           | 200                                |
| 205                                |                                |                                        |                                 | 18.1                           | 206.7                                  | 9,900 *                         | 38.6                           | 259.3                                  | 7,900                           | 205                                |
| 210                                |                                |                                        |                                 | 11.9                           | 186.9                                  | 9,300 *                         | 36.1                           | 252.5                                  | 7,500                           | 210                                |
| 220                                |                                |                                        |                                 |                                |                                        |                                 | 30.4                           | 236.7                                  | 6,800                           | 220                                |
| 230                                |                                |                                        |                                 |                                |                                        |                                 | 23.6                           | 216.3                                  | 6,200                           | 230                                |
| 240                                |                                |                                        |                                 |                                |                                        |                                 | 13.8                           | 185.2                                  | 5,600                           | 240                                |

# Liftcrane Fixed Jib Capacities

**777T**

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
 Luffing Jib No. 139 On Boom No. 78T With Heavy Lift Top  
 95,400 Lb. Crane Counterweight  
 25,000 Lb. Front Bumper Counterweight  
 360 Degree Rating On Fully Extended Outriggers

Designed And Tested  
 With The Intent To  
 Be In The Scope of  
 ANSI B30.5



## 140 Ft. Boom, 160 Ft. Luffing Jib, 40 Ft. Fixed Jib

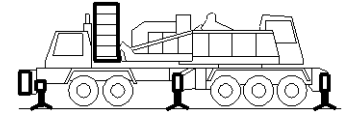
| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle  |                            |                           | 83 Degree Boom Angle  |                            |                           | 70 Degree Boom Angle  |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|-----------------------|----------------------------|---------------------------|-----------------------|----------------------------|---------------------------|-----------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Ang. Deg. | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Ang. Deg. | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Ang. Deg. | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 65                        | 75.0                  | 344.7                      | 20,600 *                  |                       |                            |                           |                       |                            |                           | 65                        |
| 70                        | 73.6                  | 343.2                      | 20,400 *                  |                       |                            |                           |                       |                            |                           | 70                        |
| 75                        | 72.1                  | 341.6                      | 20,100 *                  |                       |                            |                           |                       |                            |                           | 75                        |
| 80                        | 70.5                  | 339.8                      | 19,800 *                  |                       |                            |                           |                       |                            |                           | 80                        |
| 85                        | 69.0                  | 337.9                      | 19,600 *                  |                       |                            |                           |                       |                            |                           | 85                        |
| 90                        | 67.5                  | 335.8                      | 19,200 *                  |                       |                            |                           |                       |                            |                           | 90                        |
| 95                        | 65.9                  | 333.5                      | 18,500 *                  | 69.7                  | 337.7                      | 19,000 *                  |                       |                            |                           | 95                        |
| 100                       | 64.3                  | 331.1                      | 17,800 *                  | 68.2                  | 335.7                      | 18,800 *                  |                       |                            |                           | 100                       |
| 105                       | 62.7                  | 328.5                      | 17,200 *                  | 66.6                  | 333.6                      | 18,700 *                  |                       |                            |                           | 105                       |
| 110                       | 61.1                  | 325.8                      | 16,600 *                  | 65.1                  | 331.2                      | 18,300 *                  |                       |                            |                           | 110                       |
| 115                       | 59.4                  | 322.8                      | 16,000 *                  | 63.5                  | 328.7                      | 17,700 *                  |                       |                            |                           | 115                       |
| 120                       | 57.7                  | 319.7                      | 15,500 *                  | 61.9                  | 326.0                      | 17,100 *                  |                       |                            |                           | 120                       |
| 125                       | 56.0                  | 316.3                      | 15,100 *                  | 60.2                  | 323.2                      | 16,500 *                  |                       |                            |                           | 125                       |
| 130                       | 54.3                  | 312.7                      | 14,600 *                  | 58.5                  | 320.1                      | 16,000 *                  |                       |                            |                           | 130                       |
| 135                       | 52.5                  | 308.9                      | 14,200 *                  | 56.8                  | 316.9                      | 15,400 *                  |                       |                            |                           | 135                       |
| 140                       | 50.6                  | 304.8                      | 13,800 *                  | 55.1                  | 313.4                      | 15,000 *                  |                       |                            |                           | 140                       |
| 145                       | 48.7                  | 300.4                      | 13,400 *                  | 53.3                  | 309.7                      | 14,500 *                  |                       |                            |                           | 145                       |
| 150                       | 46.8                  | 295.7                      | 13,100 *                  | 51.5                  | 305.7                      | 14,100 *                  |                       |                            |                           | 150                       |
| 155                       | 44.8                  | 290.7                      | 12,700 *                  | 49.6                  | 301.4                      | 13,700 *                  |                       |                            |                           | 155                       |
| 160                       | 42.7                  | 285.3                      | 12,400 *                  | 47.7                  | 296.9                      | 13,400 *                  |                       |                            |                           | 160                       |
| 165                       | 40.5                  | 279.5                      | 12,100 *                  | 45.7                  | 292.1                      | 13,000 *                  | 57.3                  | 310.0                      | 11,200                    | 165                       |
| 170                       | 38.2                  | 273.2                      | 11,900 *                  | 43.7                  | 286.9                      | 12,700 *                  | 55.6                  | 306.5                      | 10,600                    | 170                       |
| 175                       | 35.8                  | 266.4                      | 11,600 *                  | 41.5                  | 281.3                      | 12,400 *                  | 53.8                  | 302.9                      | 10,100                    | 175                       |
| 180                       | 33.2                  | 258.8                      | 11,200 *                  | 39.3                  | 275.2                      | 12,100 *                  | 52.0                  | 299.0                      | 9,600                     | 180                       |
| 185                       | 30.4                  | 250.5                      | 10,600 *                  | 36.9                  | 268.6                      | 11,800 *                  | 50.1                  | 294.8                      | 9,200                     | 185                       |
| 190                       | 27.4                  | 241.1                      | 10,000 *                  | 34.4                  | 261.4                      | 11,600 *                  | 48.2                  | 290.4                      | 8,700                     | 190                       |
| 195                       | 24.0                  | 230.3                      | 9,400 *                   | 31.8                  | 253.5                      | 10,900 *                  | 46.3                  | 285.6                      | 8,300                     | 195                       |
| 200                       | 20.0                  | 217.4                      | 8,800 *                   | 28.9                  | 244.7                      | 10,300 *                  | 44.2                  | 280.5                      | 7,900                     | 200                       |
| 205                       | 15.1                  | 200.7                      | 8,100 *                   | 25.7                  | 234.6                      | 9,700 *                   | 42.1                  | 275.0                      | 7,500                     | 205                       |
| 210                       | 7.0                   | 172.9                      | 6,600 *                   | 22.0                  | 222.8                      | 9,100 *                   | 39.9                  | 269.1                      | 7,200                     | 210                       |
| 220                       |                       |                            |                           | 11.6                  | 187.8                      | 8,000 *                   | 35.1                  | 255.6                      | 6,500                     | 220                       |
| 230                       |                       |                            |                           |                       |                            |                           | 29.6                  | 239.3                      | 5,900                     | 230                       |
| 240                       |                       |                            |                           |                       |                            |                           | 23.0                  | 218.3                      | 5,300                     | 240                       |
| 250                       |                       |                            |                           |                       |                            |                           | 13.4                  | 186.3                      | 4,700                     | 250                       |

# Liftcrane Fixed Jib Capacities

**777T**

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
Luffing Jib No. 139 On Boom No. 78T With Heavy Lift Top  
95,400 Lb. Crane Counterweight  
25,000 Lb. Front Bumper Counterweight  
360 Degree Rating On Fully Extended Outriggers

Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 140 Ft. Boom, 170 Ft. Luffing Jib, 40 Ft. Fixed Jib

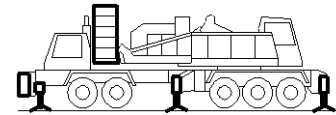
| Fixed Jib<br>Oper.<br>Rad.<br>Feet | 88 Degree<br>Boom Angle        |                                        |                                 | 83 Degree<br>Boom Angle        |                                        |                                 | 70 Degree<br>Boom Angle        |                                        |                                 | Fixed Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|------------------------------------|
|                                    | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds |                                    |
| 65                                 | 75.8                           | 355.1                                  | 18,700 *                        |                                |                                        |                                 |                                |                                        |                                 | 65                                 |
| 70                                 | 74.4                           | 353.6                                  | 18,500 *                        |                                |                                        |                                 |                                |                                        |                                 | 70                                 |
| 75                                 | 72.9                           | 352.1                                  | 18,300 *                        |                                |                                        |                                 |                                |                                        |                                 | 75                                 |
| 80                                 | 71.5                           | 350.4                                  | 18,000 *                        |                                |                                        |                                 |                                |                                        |                                 | 80                                 |
| 85                                 | 70.1                           | 348.6                                  | 17,700 *                        |                                |                                        |                                 |                                |                                        |                                 | 85                                 |
| 90                                 | 68.6                           | 346.6                                  | 17,500 *                        |                                |                                        |                                 |                                |                                        |                                 | 90                                 |
| 95                                 | 67.1                           | 344.5                                  | 17,300 *                        | 70.7                           | 348.4                                  | 17,200 *                        |                                |                                        |                                 | 95                                 |
| 100                                | 65.6                           | 342.2                                  | 17,000 *                        | 69.3                           | 346.5                                  | 17,000 *                        |                                |                                        |                                 | 100                                |
| 105                                | 64.1                           | 339.8                                  | 16,700 *                        | 67.8                           | 344.5                                  | 16,800 *                        |                                |                                        |                                 | 105                                |
| 110                                | 62.6                           | 337.2                                  | 16,200 *                        | 66.3                           | 342.3                                  | 16,600 *                        |                                |                                        |                                 | 110                                |
| 115                                | 61.0                           | 334.4                                  | 15,700 *                        | 64.8                           | 339.9                                  | 16,500 *                        |                                |                                        |                                 | 115                                |
| 120                                | 59.5                           | 331.5                                  | 15,200 *                        | 63.3                           | 337.4                                  | 16,300 *                        |                                |                                        |                                 | 120                                |
| 125                                | 57.9                           | 328.3                                  | 14,700 *                        | 61.8                           | 334.7                                  | 16,100 *                        |                                |                                        |                                 | 125                                |
| 130                                | 56.2                           | 325.0                                  | 14,300 *                        | 60.2                           | 331.8                                  | 15,600 *                        |                                |                                        |                                 | 130                                |
| 135                                | 54.5                           | 321.4                                  | 13,900 *                        | 58.6                           | 328.8                                  | 15,100 *                        |                                |                                        |                                 | 135                                |
| 140                                | 52.8                           | 317.6                                  | 13,500 *                        | 57.0                           | 325.5                                  | 14,600 *                        |                                |                                        |                                 | 140                                |
| 145                                | 51.1                           | 313.6                                  | 13,100 *                        | 55.3                           | 322.1                                  | 14,200 *                        |                                |                                        |                                 | 145                                |
| 150                                | 49.3                           | 309.3                                  | 12,800 *                        | 53.7                           | 318.4                                  | 13,800 *                        |                                |                                        |                                 | 150                                |
| 155                                | 47.5                           | 304.8                                  | 12,500 *                        | 51.9                           | 314.5                                  | 13,400 *                        |                                |                                        |                                 | 155                                |
| 160                                | 45.6                           | 299.9                                  | 12,200 *                        | 50.2                           | 310.3                                  | 13,100 *                        |                                |                                        |                                 | 160                                |
| 165                                | 43.6                           | 294.7                                  | 11,900 *                        | 48.4                           | 305.9                                  | 12,800 *                        |                                |                                        |                                 | 165                                |
| 170                                | 41.6                           | 289.1                                  | 11,600 *                        | 46.5                           | 301.2                                  | 12,400 *                        | 57.4                           | 318.7                                  | 10,300                          | 170                                |
| 175                                | 39.4                           | 283.0                                  | 11,400 *                        | 44.6                           | 296.1                                  | 12,100 *                        | 55.8                           | 315.3                                  | 9,800                           | 175                                |
| 180                                | 37.2                           | 276.5                                  | 11,000 *                        | 42.6                           | 290.7                                  | 11,900 *                        | 54.1                           | 311.6                                  | 9,300                           | 180                                |
| 185                                | 34.9                           | 269.5                                  | 10,300 *                        | 40.5                           | 284.9                                  | 11,600 *                        | 52.4                           | 307.8                                  | 8,900                           | 185                                |
| 190                                | 32.4                           | 261.7                                  | 9,700 *                         | 38.3                           | 278.6                                  | 11,300 *                        | 50.6                           | 303.7                                  | 8,400                           | 190                                |
| 195                                | 29.6                           | 253.1                                  | 9,100 *                         | 36.0                           | 271.8                                  | 10,700 *                        | 48.8                           | 299.3                                  | 8,000                           | 195                                |
| 200                                | 26.7                           | 243.4                                  | 8,600 *                         | 33.6                           | 264.4                                  | 10,100 *                        | 47.0                           | 294.7                                  | 7,600                           | 200                                |
| 205                                | 23.4                           | 232.3                                  | 8,100 *                         | 31.0                           | 256.2                                  | 9,500 *                         | 45.1                           | 289.7                                  | 7,200                           | 205                                |
| 210                                | 19.5                           | 219.0                                  | 7,500 *                         | 28.1                           | 247.1                                  | 8,900 *                         | 43.1                           | 284.4                                  | 6,900                           | 210                                |
| 220                                | 6.8                            | 173.4                                  | 5,500 *                         | 21.4                           | 224.6                                  | 7,900 *                         | 38.9                           | 272.6                                  | 6,200                           | 220                                |
| 230                                |                                |                                        |                                 | 11.3                           | 188.7                                  | 6,800 *                         | 34.2                           | 258.7                                  | 5,600                           | 230                                |
| 240                                |                                |                                        |                                 |                                |                                        |                                 | 28.9                           | 241.8                                  | 5,000                           | 240                                |
| 250                                |                                |                                        |                                 |                                |                                        |                                 | 22.4                           | 220.2                                  | 4,500                           | 250                                |
| 260                                |                                |                                        |                                 |                                |                                        |                                 | 13.1                           | 187.4                                  | 4,000                           | 260                                |

# Liftcrane Fixed Jib Capacities

# 777T

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
 Luffing Jib No. 139 On Boom No. 78T With Heavy Lift Top  
 95,400 Lb. Crane Counterweight  
 25,000 Lb. Front Bumper Counterweight  
 360 Degree Rating On Fully Extended Outriggers

Designed And Tested  
 With The Intent To  
 Be In The Scope of  
 ANSI B30.5



## 140 Ft. Boom, 140 Ft. Luffing Jib, 50 Ft. Fixed Jib

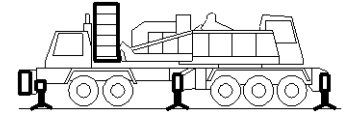
| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle  |                            |                           | 83 Degree Boom Angle  |                            |                           | 70 Degree Boom Angle  |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|-----------------------|----------------------------|---------------------------|-----------------------|----------------------------|---------------------------|-----------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Ang. Deg. | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Ang. Deg. | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Ang. Deg. | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 60                        | 75.9                  | 335.7                      | 19,200 *                  |                       |                            |                           |                       |                            |                           | 60                        |
| 65                        | 74.3                  | 334.3                      | 18,900 *                  |                       |                            |                           |                       |                            |                           | 65                        |
| 70                        | 72.8                  | 332.7                      | 18,700 *                  |                       |                            |                           |                       |                            |                           | 70                        |
| 75                        | 71.2                  | 331.0                      | 18,500 *                  |                       |                            |                           |                       |                            |                           | 75                        |
| 80                        | 69.6                  | 329.1                      | 18,300 *                  |                       |                            |                           |                       |                            |                           | 80                        |
| 85                        | 67.9                  | 327.1                      | 18,000 *                  |                       |                            |                           |                       |                            |                           | 85                        |
| 90                        | 66.3                  | 324.8                      | 17,800 *                  | 70.3                  | 328.9                      | 18,400 *                  |                       |                            |                           | 90                        |
| 95                        | 64.6                  | 322.5                      | 17,200 *                  | 68.7                  | 327.0                      | 18,200 *                  |                       |                            |                           | 95                        |
| 100                       | 63.0                  | 319.9                      | 16,500 *                  | 67.1                  | 324.8                      | 18,000 *                  |                       |                            |                           | 100                       |
| 105                       | 61.2                  | 317.1                      | 15,800 *                  | 65.4                  | 322.5                      | 17,700 *                  |                       |                            |                           | 105                       |
| 110                       | 59.5                  | 314.2                      | 15,200 *                  | 63.8                  | 320.1                      | 17,000 *                  |                       |                            |                           | 110                       |
| 115                       | 57.7                  | 311.0                      | 14,700 *                  | 62.1                  | 317.4                      | 16,300 *                  |                       |                            |                           | 115                       |
| 120                       | 55.9                  | 307.6                      | 14,200 *                  | 60.3                  | 314.5                      | 15,700 *                  |                       |                            |                           | 120                       |
| 125                       | 54.0                  | 304.0                      | 13,700 *                  | 58.6                  | 311.5                      | 15,100 *                  |                       |                            |                           | 125                       |
| 130                       | 52.1                  | 300.1                      | 13,300 *                  | 56.8                  | 308.2                      | 14,600 *                  |                       |                            |                           | 130                       |
| 135                       | 50.2                  | 295.9                      | 12,900 *                  | 54.9                  | 304.7                      | 14,100 *                  |                       |                            |                           | 135                       |
| 140                       | 48.2                  | 291.4                      | 12,500 *                  | 53.1                  | 300.9                      | 13,600 *                  |                       |                            |                           | 140                       |
| 145                       | 46.1                  | 286.6                      | 12,100 *                  | 51.1                  | 296.9                      | 13,200 *                  |                       |                            |                           | 145                       |
| 150                       | 43.9                  | 281.4                      | 11,700 *                  | 49.1                  | 292.5                      | 12,800 *                  |                       |                            |                           | 150                       |
| 155                       | 41.7                  | 275.9                      | 11,400 *                  | 47.1                  | 287.9                      | 12,400 *                  |                       |                            |                           | 155                       |
| 160                       | 39.3                  | 269.8                      | 11,100 *                  | 45.0                  | 282.9                      | 12,000 *                  | 57.2                  | 301.3                      | 12,400                    | 160                       |
| 165                       | 36.8                  | 263.2                      | 10,800 *                  | 42.8                  | 277.5                      | 11,700 *                  | 55.4                  | 297.8                      | 11,800                    | 165                       |
| 170                       | 34.2                  | 255.9                      | 10,600 *                  | 40.5                  | 271.7                      | 11,400 *                  | 53.5                  | 294.1                      | 11,200                    | 170                       |
| 175                       | 31.3                  | 247.8                      | 10,300 *                  | 38.0                  | 265.3                      | 11,100 *                  | 51.6                  | 290.2                      | 10,700                    | 175                       |
| 180                       | 28.2                  | 238.7                      | 10,100 *                  | 35.5                  | 258.4                      | 10,800 *                  | 49.7                  | 285.9                      | 10,200                    | 180                       |
| 185                       | 24.7                  | 228.3                      | 9,900 *                   | 32.7                  | 250.7                      | 10,500 *                  | 47.6                  | 281.4                      | 9,700                     | 185                       |
| 190                       | 20.7                  | 215.7                      | 9,700 *                   | 29.7                  | 242.2                      | 10,300 *                  | 45.5                  | 276.5                      | 9,300                     | 190                       |
| 195                       | 15.6                  | 199.5                      | 9,500 *                   | 26.5                  | 232.4                      | 10,000 *                  | 43.4                  | 271.2                      | 8,900                     | 195                       |
| 200                       | 7.3                   | 172.4                      | 8,100 *                   | 22.7                  | 220.9                      | 9,800 *                   | 41.1                  | 265.5                      | 8,500                     | 200                       |
| 205                       |                       |                            |                           | 18.2                  | 206.8                      | 9,600 *                   | 38.7                  | 259.3                      | 8,100                     | 205                       |
| 210                       |                       |                            |                           | 12.0                  | 186.9                      | 9,500 *                   | 36.2                  | 252.5                      | 7,700                     | 210                       |
| 220                       |                       |                            |                           |                       |                            |                           | 30.5                  | 236.7                      | 7,000                     | 220                       |
| 230                       |                       |                            |                           |                       |                            |                           | 23.7                  | 216.4                      | 6,400                     | 230                       |
| 240                       |                       |                            |                           |                       |                            |                           | 13.9                  | 185.3                      | 5,800                     | 240                       |

# Liftcrane Fixed Jib Capacities

**777T**

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
Luffing Jib No. 139 On Boom No. 78T With Heavy Lift Top  
95,400 Lb. Crane Counterweight  
25,000 Lb. Front Bumper Counterweight  
360 Degree Rating On Fully Extended Outriggers

Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 140 Ft. Boom, 150 Ft. Luffing Jib, 50 Ft. Fixed Jib

| Fixed Jib<br>Oper.<br>Rad.<br>Feet | 88 Degree<br>Boom Angle        |                                        |                                 | 83 Degree<br>Boom Angle        |                                        |                                 | 70 Degree<br>Boom Angle        |                                        |                                 | Fixed Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|------------------------------------|
|                                    | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds |                                    |
| 65                                 | 75.1                           | 344.7                                  | 18,600 *                        |                                |                                        |                                 |                                |                                        |                                 | 65                                 |
| 70                                 | 73.6                           | 343.2                                  | 18,400 *                        |                                |                                        |                                 |                                |                                        |                                 | 70                                 |
| 75                                 | 72.1                           | 341.6                                  | 18,200 *                        |                                |                                        |                                 |                                |                                        |                                 | 75                                 |
| 80                                 | 70.6                           | 339.8                                  | 17,900 *                        |                                |                                        |                                 |                                |                                        |                                 | 80                                 |
| 85                                 | 69.1                           | 337.9                                  | 17,700 *                        |                                |                                        |                                 |                                |                                        |                                 | 85                                 |
| 90                                 | 67.6                           | 335.8                                  | 17,400 *                        |                                |                                        |                                 |                                |                                        |                                 | 90                                 |
| 95                                 | 66.0                           | 333.5                                  | 16,800 *                        | 69.8                           | 337.7                                  | 17,300 *                        |                                |                                        |                                 | 95                                 |
| 100                                | 64.4                           | 331.1                                  | 16,100 *                        | 68.3                           | 335.7                                  | 17,100 *                        |                                |                                        |                                 | 100                                |
| 105                                | 62.8                           | 328.5                                  | 15,500 *                        | 66.7                           | 333.6                                  | 16,900 *                        |                                |                                        |                                 | 105                                |
| 110                                | 61.2                           | 325.8                                  | 15,000 *                        | 65.2                           | 331.2                                  | 16,700 *                        |                                |                                        |                                 | 110                                |
| 115                                | 59.5                           | 322.8                                  | 14,400 *                        | 63.6                           | 328.7                                  | 16,000 *                        |                                |                                        |                                 | 115                                |
| 120                                | 57.8                           | 319.7                                  | 13,900 *                        | 62.0                           | 326.1                                  | 15,400 *                        |                                |                                        |                                 | 120                                |
| 125                                | 56.1                           | 316.3                                  | 13,500 *                        | 60.3                           | 323.2                                  | 14,900 *                        |                                |                                        |                                 | 125                                |
| 130                                | 54.4                           | 312.7                                  | 13,100 *                        | 58.6                           | 320.1                                  | 14,300 *                        |                                |                                        |                                 | 130                                |
| 135                                | 52.6                           | 308.9                                  | 12,600 *                        | 56.9                           | 316.9                                  | 13,900 *                        |                                |                                        |                                 | 135                                |
| 140                                | 50.7                           | 304.8                                  | 12,300 *                        | 55.2                           | 313.4                                  | 13,400 *                        |                                |                                        |                                 | 140                                |
| 145                                | 48.8                           | 300.4                                  | 11,900 *                        | 53.4                           | 309.7                                  | 13,000 *                        |                                |                                        |                                 | 145                                |
| 150                                | 46.9                           | 295.7                                  | 11,600 *                        | 51.6                           | 305.7                                  | 12,600 *                        |                                |                                        |                                 | 150                                |
| 155                                | 44.9                           | 290.7                                  | 11,300 *                        | 49.7                           | 301.5                                  | 12,200 *                        |                                |                                        |                                 | 155                                |
| 160                                | 42.8                           | 285.3                                  | 11,000 *                        | 47.8                           | 296.9                                  | 11,800 *                        |                                |                                        |                                 | 160                                |
| 165                                | 40.6                           | 279.5                                  | 10,700 *                        | 45.8                           | 292.1                                  | 11,500 *                        | 57.4                           | 310.0                                  | 11,600                          | 165                                |
| 170                                | 38.3                           | 273.2                                  | 10,400 *                        | 43.8                           | 286.9                                  | 11,200 *                        | 55.7                           | 306.6                                  | 11,100                          | 170                                |
| 175                                | 35.9                           | 266.4                                  | 10,200 *                        | 41.6                           | 281.3                                  | 10,900 *                        | 53.9                           | 302.9                                  | 10,500                          | 175                                |
| 180                                | 33.3                           | 258.8                                  | 9,900 *                         | 39.4                           | 275.2                                  | 10,600 *                        | 52.1                           | 299.0                                  | 10,000                          | 180                                |
| 185                                | 30.5                           | 250.5                                  | 9,700 *                         | 37.0                           | 268.6                                  | 10,400 *                        | 50.2                           | 294.8                                  | 9,600                           | 185                                |
| 190                                | 27.5                           | 241.1                                  | 9,500 *                         | 34.5                           | 261.5                                  | 10,100 *                        | 48.3                           | 290.4                                  | 9,100                           | 190                                |
| 195                                | 24.1                           | 230.3                                  | 9,300 *                         | 31.9                           | 253.5                                  | 9,900 *                         | 46.3                           | 285.6                                  | 8,700                           | 195                                |
| 200                                | 20.1                           | 217.4                                  | 9,100 *                         | 29.0                           | 244.7                                  | 9,700 *                         | 44.3                           | 280.5                                  | 8,300                           | 200                                |
| 205                                | 15.2                           | 200.7                                  | 8,600 *                         | 25.8                           | 234.6                                  | 9,500 *                         | 42.2                           | 275.0                                  | 7,900                           | 205                                |
| 210                                | 7.1                            | 172.9                                  | 7,100 *                         | 22.1                           | 222.8                                  | 9,300 *                         | 40.0                           | 269.1                                  | 7,600                           | 210                                |
| 220                                |                                |                                        |                                 | 11.7                           | 187.9                                  | 8,500 *                         | 35.2                           | 255.6                                  | 6,900                           | 220                                |
| 230                                |                                |                                        |                                 |                                |                                        |                                 | 29.7                           | 239.3                                  | 6,300                           | 230                                |
| 240                                |                                |                                        |                                 |                                |                                        |                                 | 23.1                           | 218.3                                  | 5,700                           | 240                                |
| 250                                |                                |                                        |                                 |                                |                                        |                                 | 13.5                           | 186.4                                  | 5,200                           | 250                                |

# Liftcrane Fixed Jib Capacities

**777T**

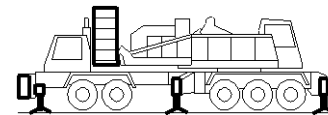
Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
Luffing Jib No. 139 On Boom No. 78T With Heavy Lift Top

95,400 Lb. Crane Counterweight

25,000 Lb. Front Bumper Counterweight

360 Degree Rating On Fully Extended Outriggers

Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 140 Ft. Boom, 160 Ft. Luffing Jib, 50 Ft. Fixed Jib

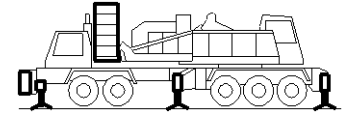
| Fixed Jib<br>Oper.<br>Rad.<br>Feet | 88 Degree<br>Boom Angle        |                                        |                                 | 83 Degree<br>Boom Angle        |                                        |                                 | 70 Degree<br>Boom Angle        |                                        |                                 | Fixed Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|------------------------------------|
|                                    | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds |                                    |
| 65                                 | 75.9                           | 355.1                                  | 17,500 *                        |                                |                                        |                                 |                                |                                        |                                 | 65                                 |
| 70                                 | 74.4                           | 353.7                                  | 17,300 *                        |                                |                                        |                                 |                                |                                        |                                 | 70                                 |
| 75                                 | 73.0                           | 352.1                                  | 17,000 *                        |                                |                                        |                                 |                                |                                        |                                 | 75                                 |
| 80                                 | 71.6                           | 350.4                                  | 16,800 *                        |                                |                                        |                                 |                                |                                        |                                 | 80                                 |
| 85                                 | 70.1                           | 348.6                                  | 16,500 *                        |                                |                                        |                                 |                                |                                        |                                 | 85                                 |
| 90                                 | 68.7                           | 346.6                                  | 16,300 *                        |                                |                                        |                                 |                                |                                        |                                 | 90                                 |
| 95                                 | 67.2                           | 344.5                                  | 16,100 *                        | 70.8                           | 348.4                                  | 16,100 *                        |                                |                                        |                                 | 95                                 |
| 100                                | 65.7                           | 342.2                                  | 15,800 *                        | 69.4                           | 346.5                                  | 16,000 *                        |                                |                                        |                                 | 100                                |
| 105                                | 64.2                           | 339.8                                  | 15,200 *                        | 67.9                           | 344.5                                  | 15,800 *                        |                                |                                        |                                 | 105                                |
| 110                                | 62.7                           | 337.2                                  | 14,700 *                        | 66.4                           | 342.3                                  | 15,600 *                        |                                |                                        |                                 | 110                                |
| 115                                | 61.1                           | 334.4                                  | 14,200 *                        | 64.9                           | 339.9                                  | 15,400 *                        |                                |                                        |                                 | 115                                |
| 120                                | 59.5                           | 331.5                                  | 13,700 *                        | 63.4                           | 337.4                                  | 15,100 *                        |                                |                                        |                                 | 120                                |
| 125                                | 57.9                           | 328.3                                  | 13,200 *                        | 61.9                           | 334.7                                  | 14,600 *                        |                                |                                        |                                 | 125                                |
| 130                                | 56.3                           | 325.0                                  | 12,800 *                        | 60.3                           | 331.8                                  | 14,100 *                        |                                |                                        |                                 | 130                                |
| 135                                | 54.6                           | 321.4                                  | 12,400 *                        | 58.7                           | 328.8                                  | 13,600 *                        |                                |                                        |                                 | 135                                |
| 140                                | 52.9                           | 317.7                                  | 12,100 *                        | 57.1                           | 325.6                                  | 13,200 *                        |                                |                                        |                                 | 140                                |
| 145                                | 51.2                           | 313.6                                  | 11,700 *                        | 55.4                           | 322.1                                  | 12,700 *                        |                                |                                        |                                 | 145                                |
| 150                                | 49.4                           | 309.3                                  | 11,400 *                        | 53.7                           | 318.4                                  | 12,400 *                        |                                |                                        |                                 | 150                                |
| 155                                | 47.6                           | 304.8                                  | 11,100 *                        | 52.0                           | 314.5                                  | 12,000 *                        |                                |                                        |                                 | 155                                |
| 160                                | 45.7                           | 299.9                                  | 10,800 *                        | 50.3                           | 310.4                                  | 11,700 *                        |                                |                                        |                                 | 160                                |
| 165                                | 43.7                           | 294.7                                  | 10,500 *                        | 48.4                           | 305.9                                  | 11,300 *                        |                                |                                        |                                 | 165                                |
| 170                                | 41.7                           | 289.1                                  | 10,300 *                        | 46.6                           | 301.2                                  | 11,000 *                        | 57.5                           | 318.7                                  | 10,700                          | 170                                |
| 175                                | 39.5                           | 283.1                                  | 10,000 *                        | 44.6                           | 296.1                                  | 10,800 *                        | 55.9                           | 315.3                                  | 10,200                          | 175                                |
| 180                                | 37.3                           | 276.5                                  | 9,800 *                         | 42.6                           | 290.7                                  | 10,500 *                        | 54.2                           | 311.6                                  | 9,700                           | 180                                |
| 185                                | 34.9                           | 269.5                                  | 9,600 *                         | 40.6                           | 284.9                                  | 10,200 *                        | 52.5                           | 307.8                                  | 9,200                           | 185                                |
| 190                                | 32.4                           | 261.7                                  | 9,400 *                         | 38.4                           | 278.6                                  | 10,000 *                        | 50.7                           | 303.7                                  | 8,800                           | 190                                |
| 195                                | 29.7                           | 253.1                                  | 9,200 *                         | 36.1                           | 271.8                                  | 9,800 *                         | 48.9                           | 299.3                                  | 8,300                           | 195                                |
| 200                                | 26.8                           | 243.4                                  | 9,000 *                         | 33.7                           | 264.4                                  | 9,600 *                         | 47.1                           | 294.7                                  | 8,000                           | 200                                |
| 205                                | 23.5                           | 232.3                                  | 8,600 *                         | 31.1                           | 256.3                                  | 9,400 *                         | 45.1                           | 289.7                                  | 7,600                           | 205                                |
| 210                                | 19.6                           | 219.1                                  | 8,000 *                         | 28.2                           | 247.1                                  | 9,200 *                         | 43.2                           | 284.4                                  | 7,200                           | 210                                |
| 220                                | 6.9                            | 173.4                                  | 6,000 *                         | 21.5                           | 224.7                                  | 8,400 *                         | 39.0                           | 272.6                                  | 6,500                           | 220                                |
| 230                                |                                |                                        |                                 | 11.4                           | 188.8                                  | 7,300 *                         | 34.3                           | 258.7                                  | 5,900                           | 230                                |
| 240                                |                                |                                        |                                 |                                |                                        |                                 | 29.0                           | 241.9                                  | 5,400                           | 240                                |
| 250                                |                                |                                        |                                 |                                |                                        |                                 | 22.5                           | 220.3                                  | 4,800                           | 250                                |
| 260                                |                                |                                        |                                 |                                |                                        |                                 | 13.2                           | 187.5                                  | 4,300                           | 260                                |

# Liftcrane Fixed Jib Capacities

**777T**

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
Luffing Jib No. 139 On Boom No. 78T With Heavy Lift Top  
95,400 Lb. Crane Counterweight  
25,000 Lb. Front Bumper Counterweight  
360 Degree Rating On Fully Extended Outriggers

Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 140 Ft. Boom, 170 Ft. Luffing Jib, 50 Ft. Fixed Jib

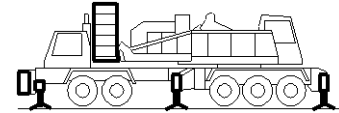
| Fixed Jib<br>Oper.<br>Rad.<br>Feet | 88 Degree<br>Boom Angle        |                                        |                                 | 83 Degree<br>Boom Angle        |                                        |                                 | 70 Degree<br>Boom Angle        |                                        |                                 | Fixed Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|------------------------------------|
|                                    | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds |                                    |
| 70                                 | 75.2                           | 364.1                                  | 16,000 *                        |                                |                                        |                                 |                                |                                        |                                 | 70                                 |
| 75                                 | 73.8                           | 362.6                                  | 15,800 *                        |                                |                                        |                                 |                                |                                        |                                 | 75                                 |
| 80                                 | 72.5                           | 361.0                                  | 15,500 *                        |                                |                                        |                                 |                                |                                        |                                 | 80                                 |
| 85                                 | 71.1                           | 359.3                                  | 15,300 *                        |                                |                                        |                                 |                                |                                        |                                 | 85                                 |
| 90                                 | 69.7                           | 357.4                                  | 15,100 *                        |                                |                                        |                                 |                                |                                        |                                 | 90                                 |
| 95                                 | 68.3                           | 355.4                                  | 14,900 *                        |                                |                                        |                                 |                                |                                        |                                 | 95                                 |
| 100                                | 66.9                           | 353.2                                  | 14,600 *                        | 70.4                           | 357.2                                  | 14,700 *                        |                                |                                        |                                 | 100                                |
| 105                                | 65.5                           | 350.9                                  | 14,500 *                        | 69.0                           | 355.3                                  | 14,500 *                        |                                |                                        |                                 | 105                                |
| 110                                | 64.0                           | 348.5                                  | 14,300 *                        | 67.6                           | 353.2                                  | 14,400 *                        |                                |                                        |                                 | 110                                |
| 115                                | 62.6                           | 345.9                                  | 13,800 *                        | 66.1                           | 351.0                                  | 14,200 *                        |                                |                                        |                                 | 115                                |
| 120                                | 61.1                           | 343.1                                  | 13,400 *                        | 64.7                           | 348.6                                  | 14,100 *                        |                                |                                        |                                 | 120                                |
| 125                                | 59.6                           | 340.1                                  | 12,900 *                        | 63.3                           | 346.1                                  | 13,900 *                        |                                |                                        |                                 | 125                                |
| 130                                | 58.0                           | 337.0                                  | 12,500 *                        | 61.8                           | 343.4                                  | 13,700 *                        |                                |                                        |                                 | 130                                |
| 135                                | 56.5                           | 333.7                                  | 12,200 *                        | 60.3                           | 340.5                                  | 13,300 *                        |                                |                                        |                                 | 135                                |
| 140                                | 54.9                           | 330.2                                  | 11,800 *                        | 58.8                           | 337.5                                  | 12,900 *                        |                                |                                        |                                 | 140                                |
| 145                                | 53.3                           | 326.4                                  | 11,500 *                        | 57.2                           | 334.2                                  | 12,500 *                        |                                |                                        |                                 | 145                                |
| 150                                | 51.6                           | 322.5                                  | 11,200 *                        | 55.6                           | 330.8                                  | 12,100 *                        |                                |                                        |                                 | 150                                |
| 155                                | 49.9                           | 318.3                                  | 10,900 *                        | 54.0                           | 327.2                                  | 11,700 *                        |                                |                                        |                                 | 155                                |
| 160                                | 48.2                           | 313.8                                  | 10,600 *                        | 52.4                           | 323.3                                  | 11,400 *                        |                                |                                        |                                 | 160                                |
| 165                                | 46.4                           | 309.0                                  | 10,300 *                        | 50.7                           | 319.2                                  | 11,100 *                        |                                |                                        |                                 | 165                                |
| 170                                | 44.5                           | 304.0                                  | 10,100 *                        | 49.0                           | 314.9                                  | 10,800 *                        |                                |                                        |                                 | 170                                |
| 175                                | 42.6                           | 298.5                                  | 9,800 *                         | 47.2                           | 310.3                                  | 10,500 *                        | 57.6                           | 327.3                                  | 9,900                           | 175                                |
| 180                                | 40.6                           | 292.7                                  | 9,600 *                         | 45.4                           | 305.3                                  | 10,300 *                        | 56.1                           | 324.0                                  | 9,400                           | 180                                |
| 185                                | 38.6                           | 286.5                                  | 9,400 *                         | 43.5                           | 300.1                                  | 10,000 *                        | 54.5                           | 320.4                                  | 8,900                           | 185                                |
| 190                                | 36.4                           | 279.8                                  | 9,200 *                         | 41.6                           | 294.5                                  | 9,800 *                         | 52.8                           | 316.6                                  | 8,500                           | 190                                |
| 195                                | 34.1                           | 272.5                                  | 9,000 *                         | 39.6                           | 288.5                                  | 9,600 *                         | 51.2                           | 312.6                                  | 8,100                           | 195                                |
| 200                                | 31.7                           | 264.5                                  | 8,800 *                         | 37.4                           | 282.0                                  | 9,400 *                         | 49.5                           | 308.3                                  | 7,700                           | 200                                |
| 205                                | 29.0                           | 255.6                                  | 8,300 *                         | 35.2                           | 275.0                                  | 9,200 *                         | 47.7                           | 303.7                                  | 7,300                           | 205                                |
| 210                                | 26.1                           | 245.7                                  | 7,800 *                         | 32.8                           | 267.3                                  | 9,000 *                         | 45.9                           | 298.9                                  | 6,900                           | 210                                |
| 220                                | 19.1                           | 220.7                                  | 6,900 *                         | 27.5                           | 249.5                                  | 8,100 *                         | 42.1                           | 288.2                                  | 6,300                           | 220                                |
| 230                                | 6.7                            | 174.0                                  | 5,000 *                         | 21.0                           | 226.5                                  | 7,200 *                         | 38.0                           | 276.0                                  | 5,700                           | 230                                |
| 240                                |                                |                                        |                                 | 11.1                           | 189.7                                  | 6,200 *                         | 33.5                           | 261.6                                  | 5,100                           | 240                                |
| 250                                |                                |                                        |                                 |                                |                                        |                                 | 28.3                           | 244.3                                  | 4,600                           | 250                                |
| 260                                |                                |                                        |                                 |                                |                                        |                                 | 22.0                           | 222.2                                  | 4,100                           | 260                                |

# Liftcrane Fixed Jib Capacities

**777T**

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
Luffing Jib No. 139 On Boom No. 78T With Heavy Lift Top  
95,400 Lb. Crane Counterweight  
25,000 Lb. Front Bumper Counterweight  
360 Degree Rating On Fully Extended Outriggers

Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 140 Ft. Boom, 140 Ft. Luffing Jib, 60 Ft. Fixed Jib

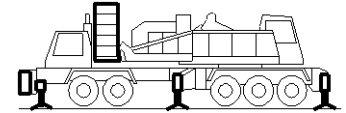
| Fixed<br>Jib<br>Oper.<br>Rad.<br>Feet | 88 Degree<br>Boom Angle        |                                        |                                 | 83 Degree<br>Boom Angle        |                                        |                                 | 70 Degree<br>Boom Angle        |                                        |                                 | Fixed<br>Jib<br>Oper.<br>Rad.<br>Feet |
|---------------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|---------------------------------------|
|                                       | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds |                                       |
| 65                                    | 74.9                           | 344.7                                  | 15,700 *                        |                                |                                        |                                 |                                |                                        |                                 | 65                                    |
| 70                                    | 73.4                           | 343.2                                  | 15,400 *                        |                                |                                        |                                 |                                |                                        |                                 | 70                                    |
| 75                                    | 71.9                           | 341.6                                  | 15,100 *                        |                                |                                        |                                 |                                |                                        |                                 | 75                                    |
| 80                                    | 70.4                           | 339.8                                  | 14,800 *                        |                                |                                        |                                 |                                |                                        |                                 | 80                                    |
| 85                                    | 68.9                           | 337.9                                  | 14,500 *                        |                                |                                        |                                 |                                |                                        |                                 | 85                                    |
| 90                                    | 67.4                           | 335.8                                  | 14,200 *                        |                                |                                        |                                 |                                |                                        |                                 | 90                                    |
| 95                                    | 65.8                           | 333.6                                  | 13,900 *                        | 69.6                           | 337.8                                  | 14,300 *                        |                                |                                        |                                 | 95                                    |
| 100                                   | 64.2                           | 331.2                                  | 13,600 *                        | 68.1                           | 335.8                                  | 14,100 *                        |                                |                                        |                                 | 100                                   |
| 105                                   | 62.6                           | 328.6                                  | 13,400 *                        | 66.5                           | 333.6                                  | 13,800 *                        |                                |                                        |                                 | 105                                   |
| 110                                   | 61.0                           | 325.8                                  | 13,100 *                        | 65.0                           | 331.3                                  | 13,600 *                        |                                |                                        |                                 | 110                                   |
| 115                                   | 59.3                           | 322.9                                  | 12,900 *                        | 63.4                           | 328.8                                  | 13,300 *                        |                                |                                        |                                 | 115                                   |
| 120                                   | 57.6                           | 319.7                                  | 12,600 *                        | 61.8                           | 326.1                                  | 13,100 *                        |                                |                                        |                                 | 120                                   |
| 125                                   | 55.9                           | 316.3                                  | 12,400 *                        | 60.1                           | 323.2                                  | 12,900 *                        |                                |                                        |                                 | 125                                   |
| 130                                   | 54.2                           | 312.8                                  | 12,000 *                        | 58.4                           | 320.2                                  | 12,700 *                        |                                |                                        |                                 | 130                                   |
| 135                                   | 52.4                           | 308.9                                  | 11,600 *                        | 56.7                           | 316.9                                  | 12,400 *                        |                                |                                        |                                 | 135                                   |
| 140                                   | 50.5                           | 304.8                                  | 11,200 *                        | 55.0                           | 313.4                                  | 12,200 *                        |                                |                                        |                                 | 140                                   |
| 145                                   | 48.6                           | 300.5                                  | 10,900 *                        | 53.2                           | 309.7                                  | 11,900 *                        |                                |                                        |                                 | 145                                   |
| 150                                   | 46.7                           | 295.8                                  | 10,500 *                        | 51.4                           | 305.7                                  | 11,500 *                        |                                |                                        |                                 | 150                                   |
| 155                                   | 44.7                           | 290.8                                  | 10,200 *                        | 49.5                           | 301.5                                  | 11,200 *                        |                                |                                        |                                 | 155                                   |
| 160                                   | 42.6                           | 285.4                                  | 9,900 *                         | 47.6                           | 297.0                                  | 10,800 *                        |                                |                                        |                                 | 160                                   |
| 165                                   | 40.4                           | 279.6                                  | 9,700 *                         | 45.6                           | 292.1                                  | 10,500 *                        | 57.2                           | 310.0                                  | 11,800 *                        | 165                                   |
| 170                                   | 38.1                           | 273.3                                  | 9,400 *                         | 43.6                           | 286.9                                  | 10,200 *                        | 55.5                           | 306.6                                  | 11,200 *                        | 170                                   |
| 175                                   | 35.7                           | 266.4                                  | 9,200 *                         | 41.4                           | 281.3                                  | 9,900 *                         | 53.7                           | 303.0                                  | 10,700 *                        | 175                                   |
| 180                                   | 33.1                           | 258.9                                  | 8,900 *                         | 39.2                           | 275.3                                  | 9,600 *                         | 51.9                           | 299.1                                  | 10,200 *                        | 180                                   |
| 185                                   | 30.3                           | 250.6                                  | 8,700 *                         | 36.8                           | 268.7                                  | 9,400 *                         | 50.0                           | 294.9                                  | 9,800 *                         | 185                                   |
| 190                                   | 27.3                           | 241.2                                  | 8,500 *                         | 34.3                           | 261.5                                  | 9,100 *                         | 48.1                           | 290.4                                  | 9,300 *                         | 190                                   |
| 195                                   | 23.9                           | 230.4                                  | 8,300 *                         | 31.7                           | 253.6                                  | 8,900 *                         | 46.2                           | 285.7                                  | 8,900 *                         | 195                                   |
| 200                                   | 20.0                           | 217.5                                  | 8,100 *                         | 28.8                           | 244.8                                  | 8,700 *                         | 44.1                           | 280.6                                  | 8,500 *                         | 200                                   |
| 205                                   | 15.0                           | 200.9                                  | 8,000 *                         | 25.6                           | 234.7                                  | 8,500 *                         | 42.0                           | 275.1                                  | 8,100 *                         | 205                                   |
| 210                                   | 7.0                            | 173.3                                  | 7,400 *                         | 21.9                           | 222.9                                  | 8,300 *                         | 39.8                           | 269.1                                  | 7,800 *                         | 210                                   |
| 220                                   |                                |                                        |                                 | 11.6                           | 188.1                                  | 8,000 *                         | 35.0                           | 255.7                                  | 7,100 *                         | 220                                   |
| 230                                   |                                |                                        |                                 |                                |                                        |                                 | 29.6                           | 239.4                                  | 6,500 *                         | 230                                   |
| 240                                   |                                |                                        |                                 |                                |                                        |                                 | 22.9                           | 218.5                                  | 5,900 *                         | 240                                   |
| 250                                   |                                |                                        |                                 |                                |                                        |                                 | 13.4                           | 186.6                                  | 5,400 *                         | 250                                   |

# Liftcrane Fixed Jib Capacities

**777T**

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
Luffing Jib No. 139 On Boom No. 78T With Heavy Lift Top  
95,400 Lb. Crane Counterweight  
25,000 Lb. Front Bumper Counterweight  
360 Degree Rating On Fully Extended Outriggers

Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 140 Ft. Boom, 150 Ft. Luffing Jib, 60 Ft. Fixed Jib

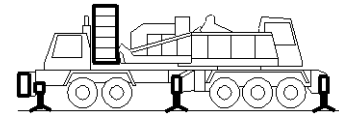
| Fixed Jib<br>Oper.<br>Rad.<br>Feet | 88 Degree<br>Boom Angle        |                                        |                                 | 83 Degree<br>Boom Angle        |                                        |                                 | 70 Degree<br>Boom Angle        |                                        |                                 | Fixed Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|------------------------------------|
|                                    | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds |                                    |
| 65                                 | 75.7                           | 355.1                                  | 15,100 *                        |                                |                                        |                                 |                                |                                        |                                 | 65                                 |
| 70                                 | 74.3                           | 353.7                                  | 14,800 *                        |                                |                                        |                                 |                                |                                        |                                 | 70                                 |
| 75                                 | 72.8                           | 352.2                                  | 14,600 *                        |                                |                                        |                                 |                                |                                        |                                 | 75                                 |
| 80                                 | 71.4                           | 350.5                                  | 14,300 *                        |                                |                                        |                                 |                                |                                        |                                 | 80                                 |
| 85                                 | 70.0                           | 348.6                                  | 14,000 *                        |                                |                                        |                                 |                                |                                        |                                 | 85                                 |
| 90                                 | 68.5                           | 346.7                                  | 13,700 *                        |                                |                                        |                                 |                                |                                        |                                 | 90                                 |
| 95                                 | 67.0                           | 344.6                                  | 13,400 *                        | 70.6                           | 348.5                                  | 13,800 *                        |                                |                                        |                                 | 95                                 |
| 100                                | 65.5                           | 342.3                                  | 13,200 *                        | 69.2                           | 346.6                                  | 13,600 *                        |                                |                                        |                                 | 100                                |
| 105                                | 64.0                           | 339.9                                  | 13,000 *                        | 67.7                           | 344.5                                  | 13,300 *                        |                                |                                        |                                 | 105                                |
| 110                                | 62.5                           | 337.3                                  | 12,800 *                        | 66.2                           | 342.3                                  | 13,100 *                        |                                |                                        |                                 | 110                                |
| 115                                | 60.9                           | 334.5                                  | 12,500 *                        | 64.7                           | 340.0                                  | 12,900 *                        |                                |                                        |                                 | 115                                |
| 120                                | 59.4                           | 331.5                                  | 12,300 *                        | 63.2                           | 337.5                                  | 12,700 *                        |                                |                                        |                                 | 120                                |
| 125                                | 57.8                           | 328.4                                  | 12,100 *                        | 61.7                           | 334.8                                  | 12,500 *                        |                                |                                        |                                 | 125                                |
| 130                                | 56.1                           | 325.0                                  | 11,800 *                        | 60.1                           | 331.9                                  | 12,300 *                        |                                |                                        |                                 | 130                                |
| 135                                | 54.5                           | 321.5                                  | 11,400 *                        | 58.5                           | 328.8                                  | 12,100 *                        |                                |                                        |                                 | 135                                |
| 140                                | 52.8                           | 317.7                                  | 11,000 *                        | 56.9                           | 325.6                                  | 11,900 *                        |                                |                                        |                                 | 140                                |
| 145                                | 51.0                           | 313.7                                  | 10,700 *                        | 55.3                           | 322.1                                  | 11,700 *                        |                                |                                        |                                 | 145                                |
| 150                                | 49.2                           | 309.4                                  | 10,400 *                        | 53.6                           | 318.5                                  | 11,300 *                        |                                |                                        |                                 | 150                                |
| 155                                | 47.4                           | 304.8                                  | 10,100 *                        | 51.8                           | 314.6                                  | 11,000 *                        |                                |                                        |                                 | 155                                |
| 160                                | 45.5                           | 300.0                                  | 9,800 *                         | 50.1                           | 310.4                                  | 10,600 *                        |                                |                                        |                                 | 160                                |
| 165                                | 43.5                           | 294.7                                  | 9,500 *                         | 48.3                           | 306.0                                  | 10,300 *                        |                                |                                        |                                 | 165                                |
| 170                                | 41.5                           | 289.1                                  | 9,300 *                         | 46.4                           | 301.3                                  | 10,000 *                        | 57.3                           | 318.7                                  | 11,100                          | 170                                |
| 175                                | 39.4                           | 283.1                                  | 9,000 *                         | 44.5                           | 296.2                                  | 9,700 *                         | 55.7                           | 315.3                                  | 10,500                          | 175                                |
| 180                                | 37.1                           | 276.6                                  | 8,800 *                         | 42.5                           | 290.8                                  | 9,500 *                         | 54.0                           | 311.7                                  | 10,100                          | 180                                |
| 185                                | 34.8                           | 269.5                                  | 8,600 *                         | 40.4                           | 285.0                                  | 9,200 *                         | 52.3                           | 307.9                                  | 9,600                           | 185                                |
| 190                                | 32.3                           | 261.8                                  | 8,400 *                         | 38.2                           | 278.7                                  | 9,000 *                         | 50.5                           | 303.8                                  | 9,200                           | 190                                |
| 195                                | 29.6                           | 253.2                                  | 8,200 *                         | 35.9                           | 271.9                                  | 8,800 *                         | 48.7                           | 299.4                                  | 8,700                           | 195                                |
| 200                                | 26.6                           | 243.5                                  | 8,000 *                         | 33.5                           | 264.5                                  | 8,600 *                         | 46.9                           | 294.8                                  | 8,300                           | 200                                |
| 205                                | 23.3                           | 232.5                                  | 7,800 *                         | 30.9                           | 256.3                                  | 8,400 *                         | 45.0                           | 289.8                                  | 8,000                           | 205                                |
| 210                                | 19.5                           | 219.2                                  | 7,700 *                         | 28.1                           | 247.2                                  | 8,200 *                         | 43.0                           | 284.5                                  | 7,600                           | 210                                |
| 220                                | 6.8                            | 173.9                                  | 6,400 *                         | 21.4                           | 224.8                                  | 7,800 *                         | 38.8                           | 272.6                                  | 6,900                           | 220                                |
| 230                                |                                |                                        |                                 | 11.3                           | 189.0                                  | 7,500 *                         | 34.1                           | 258.7                                  | 6,300                           | 230                                |
| 240                                |                                |                                        |                                 |                                |                                        |                                 | 28.8                           | 241.9                                  | 5,800                           | 240                                |
| 250                                |                                |                                        |                                 |                                |                                        |                                 | 22.4                           | 220.4                                  | 5,200                           | 250                                |
| 260                                |                                |                                        |                                 |                                |                                        |                                 | 13.1                           | 187.7                                  | 4,700                           | 260                                |

# Liftcrane Fixed Jib Capacities

**777T**

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
 Luffing Jib No. 139 On Boom No. 78T With Heavy Lift Top  
 95,400 Lb. Crane Counterweight  
 25,000 Lb. Front Bumper Counterweight  
 360 Degree Rating On Fully Extended Outriggers

Designed And Tested  
 With The Intent To  
 Be In The Scope of  
 ANSI B30.5



## 140 Ft. Boom, 160 Ft. Luffing Jib, 60 Ft. Fixed Jib

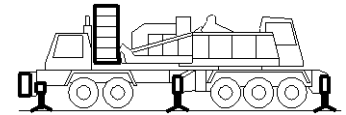
| Fixed<br>Jib<br>Oper.<br>Rad.<br>Feet | 88 Degree<br>Boom Angle        |                                        |                                 | 83 Degree<br>Boom Angle        |                                        |                                 | 70 Degree<br>Boom Angle        |                                        |                                 | Fixed<br>Jib<br>Oper.<br>Rad.<br>Feet |
|---------------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|---------------------------------------|
|                                       | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds |                                       |
| 70                                    | 75.0                           | 364.1                                  | 14,100 *                        |                                |                                        |                                 |                                |                                        |                                 | 70                                    |
| 75                                    | 73.6                           | 362.6                                  | 13,900 *                        |                                |                                        |                                 |                                |                                        |                                 | 75                                    |
| 80                                    | 72.3                           | 361.0                                  | 13,700 *                        |                                |                                        |                                 |                                |                                        |                                 | 80                                    |
| 85                                    | 70.9                           | 359.3                                  | 13,400 *                        |                                |                                        |                                 |                                |                                        |                                 | 85                                    |
| 90                                    | 69.5                           | 357.4                                  | 13,100 *                        |                                |                                        |                                 |                                |                                        |                                 | 90                                    |
| 95                                    | 68.1                           | 355.4                                  | 12,900 *                        |                                |                                        |                                 |                                |                                        |                                 | 95                                    |
| 100                                   | 66.7                           | 353.3                                  | 12,700 *                        | 70.2                           | 357.3                                  | 12,900 *                        |                                |                                        |                                 | 100                                   |
| 105                                   | 65.3                           | 351.0                                  | 12,500 *                        | 68.8                           | 355.3                                  | 12,700 *                        |                                |                                        |                                 | 105                                   |
| 110                                   | 63.8                           | 348.5                                  | 12,300 *                        | 67.4                           | 353.3                                  | 12,500 *                        |                                |                                        |                                 | 110                                   |
| 115                                   | 62.4                           | 345.9                                  | 12,100 *                        | 66.0                           | 351.0                                  | 12,400 *                        |                                |                                        |                                 | 115                                   |
| 120                                   | 60.9                           | 343.1                                  | 11,900 *                        | 64.5                           | 348.7                                  | 12,200 *                        |                                |                                        |                                 | 120                                   |
| 125                                   | 59.4                           | 340.2                                  | 11,700 *                        | 63.1                           | 346.1                                  | 12,000 *                        |                                |                                        |                                 | 125                                   |
| 130                                   | 57.9                           | 337.1                                  | 11,500 *                        | 61.6                           | 343.4                                  | 11,800 *                        |                                |                                        |                                 | 130                                   |
| 135                                   | 56.3                           | 333.7                                  | 11,200 *                        | 60.1                           | 340.6                                  | 11,700 *                        |                                |                                        |                                 | 135                                   |
| 140                                   | 54.7                           | 330.2                                  | 10,900 *                        | 58.6                           | 337.5                                  | 11,500 *                        |                                |                                        |                                 | 140                                   |
| 145                                   | 53.1                           | 326.5                                  | 10,500 *                        | 57.0                           | 334.3                                  | 11,400 *                        |                                |                                        |                                 | 145                                   |
| 150                                   | 51.4                           | 322.5                                  | 10,200 *                        | 55.5                           | 330.9                                  | 11,100 *                        |                                |                                        |                                 | 150                                   |
| 155                                   | 49.7                           | 318.3                                  | 9,900 *                         | 53.9                           | 327.2                                  | 10,800 *                        |                                |                                        |                                 | 155                                   |
| 160                                   | 48.0                           | 313.8                                  | 9,600 *                         | 52.2                           | 323.4                                  | 10,500 *                        |                                |                                        |                                 | 160                                   |
| 165                                   | 46.2                           | 309.1                                  | 9,400 *                         | 50.6                           | 319.3                                  | 10,200 *                        |                                |                                        |                                 | 165                                   |
| 170                                   | 44.4                           | 304.0                                  | 9,100 *                         | 48.8                           | 314.9                                  | 9,900 *                         |                                |                                        |                                 | 170                                   |
| 175                                   | 42.5                           | 298.6                                  | 8,900 *                         | 47.1                           | 310.3                                  | 9,600 *                         | 57.5                           | 327.4                                  | 10,200                          | 175                                   |
| 180                                   | 40.5                           | 292.8                                  | 8,700 *                         | 45.3                           | 305.4                                  | 9,300 *                         | 55.9                           | 324.0                                  | 9,700                           | 180                                   |
| 185                                   | 38.4                           | 286.6                                  | 8,500 *                         | 43.4                           | 300.2                                  | 9,100 *                         | 54.3                           | 320.4                                  | 9,200                           | 185                                   |
| 190                                   | 36.2                           | 279.9                                  | 8,300 *                         | 41.4                           | 294.6                                  | 8,900 *                         | 52.7                           | 316.6                                  | 8,800                           | 190                                   |
| 195                                   | 33.9                           | 272.6                                  | 8,100 *                         | 39.4                           | 288.5                                  | 8,600 *                         | 51.0                           | 312.6                                  | 8,400                           | 195                                   |
| 200                                   | 31.5                           | 264.6                                  | 7,900 *                         | 37.3                           | 282.1                                  | 8,400 *                         | 49.3                           | 308.3                                  | 8,000                           | 200                                   |
| 205                                   | 28.9                           | 255.7                                  | 7,700 *                         | 35.0                           | 275.1                                  | 8,200 *                         | 47.5                           | 303.8                                  | 7,600                           | 205                                   |
| 210                                   | 26.0                           | 245.8                                  | 7,600 *                         | 32.7                           | 267.4                                  | 8,100 *                         | 45.7                           | 299.0                                  | 7,200                           | 210                                   |
| 220                                   | 19.0                           | 220.8                                  | 7,300 *                         | 27.4                           | 249.6                                  | 7,700 *                         | 41.9                           | 288.3                                  | 6,600                           | 220                                   |
| 230                                   | 6.7                            | 174.4                                  | 5,400 *                         | 20.9                           | 226.6                                  | 7,400 *                         | 37.8                           | 276.0                                  | 6,000                           | 230                                   |
| 240                                   |                                |                                        |                                 | 11.0                           | 189.9                                  | 6,700 *                         | 33.3                           | 261.7                                  | 5,400                           | 240                                   |
| 250                                   |                                |                                        |                                 |                                |                                        |                                 | 28.1                           | 244.4                                  | 4,900                           | 250                                   |
| 260                                   |                                |                                        |                                 |                                |                                        |                                 | 21.8                           | 222.3                                  | 4,400                           | 260                                   |
| 270                                   |                                |                                        |                                 |                                |                                        |                                 | 12.7                           | 188.7                                  | 4,000                           | 270                                   |

# Liftcrane Fixed Jib Capacities

**777T**

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
Luffing Jib No. 139 On Boom No. 78T With Heavy Lift Top  
95,400 Lb. Crane Counterweight  
25,000 Lb. Front Bumper Counterweight  
360 Degree Rating On Fully Extended Outriggers

Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 140 Ft. Boom, 170 Ft. Luffing Jib, 60 Ft. Fixed Jib

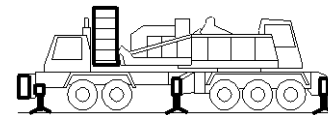
| Fixed Jib<br>Oper.<br>Rad.<br>Feet | 88 Degree<br>Boom Angle        |                                        |                                 | 83 Degree<br>Boom Angle        |                                        |                                 | 70 Degree<br>Boom Angle        |                                        |                                 | Fixed Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|------------------------------------|
|                                    | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds |                                    |
| 70                                 | 75.7                           | 374.5                                  | 13,300 *                        |                                |                                        |                                 |                                |                                        |                                 | 70                                 |
| 75                                 | 74.4                           | 373.1                                  | 13,100 *                        |                                |                                        |                                 |                                |                                        |                                 | 75                                 |
| 80                                 | 73.1                           | 371.5                                  | 12,900 *                        |                                |                                        |                                 |                                |                                        |                                 | 80                                 |
| 85                                 | 71.8                           | 369.9                                  | 12,700 *                        |                                |                                        |                                 |                                |                                        |                                 | 85                                 |
| 90                                 | 70.4                           | 368.1                                  | 12,500 *                        |                                |                                        |                                 |                                |                                        |                                 | 90                                 |
| 95                                 | 69.1                           | 366.2                                  | 12,300 *                        |                                |                                        |                                 |                                |                                        |                                 | 95                                 |
| 100                                | 67.8                           | 364.2                                  | 12,100 *                        |                                |                                        |                                 |                                |                                        |                                 | 100                                |
| 105                                | 66.4                           | 362.0                                  | 11,900 *                        | 69.8                           | 366.1                                  | 12,000 *                        |                                |                                        |                                 | 105                                |
| 110                                | 65.1                           | 359.7                                  | 11,700 *                        | 68.4                           | 364.1                                  | 11,900 *                        |                                |                                        |                                 | 110                                |
| 115                                | 63.7                           | 357.2                                  | 11,500 *                        | 67.1                           | 362.0                                  | 11,700 *                        |                                |                                        |                                 | 115                                |
| 120                                | 62.3                           | 354.6                                  | 11,400 *                        | 65.7                           | 359.7                                  | 11,600 *                        |                                |                                        |                                 | 120                                |
| 125                                | 60.9                           | 351.8                                  | 11,200 *                        | 64.3                           | 357.3                                  | 11,400 *                        |                                |                                        |                                 | 125                                |
| 130                                | 59.4                           | 348.9                                  | 11,000 *                        | 62.9                           | 354.8                                  | 11,300 *                        |                                |                                        |                                 | 130                                |
| 135                                | 58.0                           | 345.7                                  | 10,900 *                        | 61.5                           | 352.1                                  | 11,100 *                        |                                |                                        |                                 | 135                                |
| 140                                | 56.5                           | 342.4                                  | 10,600 *                        | 60.1                           | 349.2                                  | 11,000 *                        |                                |                                        |                                 | 140                                |
| 145                                | 55.0                           | 338.9                                  | 10,300 *                        | 58.7                           | 346.2                                  | 10,800 *                        |                                |                                        |                                 | 145                                |
| 150                                | 53.4                           | 335.2                                  | 10,000 *                        | 57.2                           | 343.0                                  | 10,700 *                        |                                |                                        |                                 | 150                                |
| 155                                | 51.8                           | 331.3                                  | 9,700 *                         | 55.7                           | 339.6                                  | 10,600 *                        |                                |                                        |                                 | 155                                |
| 160                                | 50.2                           | 327.2                                  | 9,400 *                         | 54.1                           | 336.0                                  | 10,200 *                        |                                |                                        |                                 | 160                                |
| 165                                | 48.6                           | 322.8                                  | 9,200 *                         | 52.6                           | 332.2                                  | 10,000 *                        |                                |                                        |                                 | 165                                |
| 170                                | 46.9                           | 318.2                                  | 9,000 *                         | 51.0                           | 328.1                                  | 9,700 *                         |                                |                                        |                                 | 170                                |
| 175                                | 45.1                           | 313.2                                  | 8,700 *                         | 49.4                           | 323.9                                  | 9,400 *                         |                                |                                        |                                 | 175                                |
| 180                                | 43.3                           | 308.0                                  | 8,500 *                         | 47.7                           | 319.3                                  | 9,200 *                         | 57.6                           | 336.1                                  | 9,400                           | 180                                |
| 185                                | 41.5                           | 302.4                                  | 8,300 *                         | 46.0                           | 314.6                                  | 8,900 *                         | 56.1                           | 332.7                                  | 8,900                           | 185                                |
| 190                                | 39.5                           | 296.4                                  | 8,100 *                         | 44.2                           | 309.5                                  | 8,700 *                         | 54.5                           | 329.2                                  | 8,500                           | 190                                |
| 195                                | 37.5                           | 290.0                                  | 7,900 *                         | 42.4                           | 304.0                                  | 8,500 *                         | 53.0                           | 325.4                                  | 8,100                           | 195                                |
| 200                                | 35.4                           | 283.0                                  | 7,800 *                         | 40.5                           | 298.2                                  | 8,300 *                         | 51.4                           | 321.5                                  | 7,700                           | 200                                |
| 205                                | 33.2                           | 275.5                                  | 7,600 *                         | 38.5                           | 292.0                                  | 8,100 *                         | 49.8                           | 317.3                                  | 7,300                           | 205                                |
| 210                                | 30.8                           | 267.3                                  | 7,400 *                         | 36.4                           | 285.3                                  | 7,900 *                         | 48.1                           | 312.8                                  | 7,000                           | 210                                |
| 220                                | 25.4                           | 248.0                                  | 7,100 *                         | 31.9                           | 270.2                                  | 7,600 *                         | 44.7                           | 303.1                                  | 6,300                           | 220                                |
| 230                                | 18.6                           | 222.4                                  | 6,300 *                         | 26.8                           | 252.0                                  | 7,300 *                         | 41.0                           | 292.0                                  | 5,700                           | 230                                |
| 240                                | 6.5                            | 174.9                                  | 4,400 *                         | 20.4                           | 228.3                                  | 6,500 *                         | 37.0                           | 279.4                                  | 5,100                           | 240                                |
| 250                                |                                |                                        |                                 | 10.7                           | 190.8                                  | 5,600 *                         | 32.5                           | 264.6                                  | 4,600                           | 250                                |
| 260                                |                                |                                        |                                 |                                |                                        |                                 | 27.5                           | 246.8                                  | 4,200                           | 260                                |

# Liftcrane Fixed Jib Capacities

**777T**

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
Luffing Jib No. 139 On Boom No. 78T With Heavy Lift Top  
95,400 Lb. Crane Counterweight  
25,000 Lb. Front Bumper Counterweight  
360 Degree Rating On Fully Extended Outriggers

Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 160 Ft. Boom, 140 Ft. Luffing Jib, 30 Ft. Fixed Jib

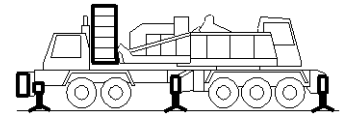
| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle  |                            |                           | 83 Degree Boom Angle  |                            |                           | 70 Degree Boom Angle  |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|-----------------------|----------------------------|---------------------------|-----------------------|----------------------------|---------------------------|-----------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Ang. Deg. | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Ang. Deg. | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Ang. Deg. | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 55                        | 75.6                  | 336.6                      | 26,600 *                  |                       |                            |                           |                       |                            |                           | 55                        |
| 60                        | 73.9                  | 335.1                      | 26,300 *                  |                       |                            |                           |                       |                            |                           | 60                        |
| 65                        | 72.1                  | 333.6                      | 26,100 *                  |                       |                            |                           |                       |                            |                           | 65                        |
| 70                        | 70.4                  | 331.8                      | 25,900 *                  |                       |                            |                           |                       |                            |                           | 70                        |
| 75                        | 68.6                  | 329.9                      | 25,600 *                  |                       |                            |                           |                       |                            |                           | 75                        |
| 80                        | 66.7                  | 327.8                      | 25,400 *                  |                       |                            |                           |                       |                            |                           | 80                        |
| 85                        | 64.9                  | 325.5                      | 24,700 *                  | 70.0                  | 330.3                      | 25,900 *                  |                       |                            |                           | 85                        |
| 90                        | 63.0                  | 322.9                      | 23,700 *                  | 68.2                  | 328.3                      | 25,700 *                  |                       |                            |                           | 90                        |
| 95                        | 61.1                  | 320.2                      | 22,800 *                  | 66.4                  | 326.2                      | 25,600 *                  |                       |                            |                           | 95                        |
| 100                       | 59.2                  | 317.3                      | 22,000 *                  | 64.6                  | 323.8                      | 25,000 *                  |                       |                            |                           | 100                       |
| 105                       | 57.2                  | 314.1                      | 21,200 *                  | 62.7                  | 321.3                      | 24,000 *                  |                       |                            |                           | 105                       |
| 110                       | 55.2                  | 310.7                      | 20,500 *                  | 60.8                  | 318.5                      | 23,100 *                  |                       |                            |                           | 110                       |
| 115                       | 53.1                  | 307.0                      | 19,800 *                  | 58.8                  | 315.6                      | 22,200 *                  |                       |                            |                           | 115                       |
| 120                       | 50.9                  | 303.0                      | 19,200 *                  | 56.8                  | 312.3                      | 21,500 *                  |                       |                            |                           | 120                       |
| 125                       | 48.7                  | 298.7                      | 18,600 *                  | 54.8                  | 308.9                      | 20,700 *                  |                       |                            |                           | 125                       |
| 130                       | 46.4                  | 294.1                      | 18,000 *                  | 52.7                  | 305.1                      | 20,000 *                  |                       |                            |                           | 130                       |
| 135                       | 44.0                  | 289.0                      | 17,500 *                  | 50.5                  | 301.1                      | 19,400 *                  |                       |                            |                           | 135                       |
| 140                       | 41.5                  | 283.5                      | 17,000 *                  | 48.3                  | 296.7                      | 18,800 *                  |                       |                            |                           | 140                       |
| 145                       | 38.9                  | 277.5                      | 16,300 *                  | 46.0                  | 292.0                      | 18,000 *                  |                       |                            |                           | 145                       |
| 150                       | 36.1                  | 270.8                      | 15,600 *                  | 43.6                  | 286.9                      | 17,100 *                  |                       |                            |                           | 150                       |
| 155                       | 33.1                  | 263.4                      | 14,800 *                  | 41.1                  | 281.3                      | 16,200 *                  | 57.1                  | 304.0                      | 11,600                    | 155                       |
| 160                       | 29.9                  | 255.1                      | 14,200 *                  | 38.4                  | 275.1                      | 15,400 *                  | 55.1                  | 300.6                      | 11,000                    | 160                       |
| 165                       | 26.3                  | 245.5                      | 13,500 *                  | 35.6                  | 268.4                      | 14,600 *                  | 53.0                  | 296.9                      | 10,500                    | 165                       |
| 170                       | 22.1                  | 234.0                      | 12,700 *                  | 32.6                  | 260.8                      | 13,900 *                  | 50.8                  | 292.9                      | 10,000                    | 170                       |
| 175                       | 16.9                  | 219.4                      | 11,900 *                  | 29.3                  | 252.3                      | 13,300 *                  | 48.6                  | 288.5                      | 9,500                     | 175                       |
| 180                       | 9.1                   | 196.8                      | 10,000 *                  | 25.6                  | 242.4                      | 12,600 *                  | 46.3                  | 283.9                      | 9,000                     | 180                       |
| 185                       |                       |                            |                           | 21.2                  | 230.5                      | 12,000 *                  | 43.9                  | 278.8                      | 8,500                     | 185                       |
| 190                       |                       |                            |                           | 15.8                  | 215.1                      | 11,500 *                  | 41.5                  | 273.3                      | 8,100                     | 190                       |
| 195                       |                       |                            |                           | 6.8                   | 188.8                      | 10,300 *                  | 38.8                  | 267.2                      | 7,700                     | 195                       |
| 200                       |                       |                            |                           |                       |                            |                           | 36.0                  | 260.6                      | 7,300                     | 200                       |
| 205                       |                       |                            |                           |                       |                            |                           | 33.0                  | 253.1                      | 7,000                     | 205                       |
| 210                       |                       |                            |                           |                       |                            |                           | 29.8                  | 244.8                      | 6,600                     | 210                       |
| 220                       |                       |                            |                           |                       |                            |                           | 21.9                  | 223.6                      | 6,000                     | 220                       |
| 230                       |                       |                            |                           |                       |                            |                           | 8.7                   | 185.6                      | 5,400                     | 230                       |

# Liftcrane Fixed Jib Capacities

**777T**

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
 Luffing Jib No. 139 On Boom No. 78T With Heavy Lift Top  
 95,400 Lb. Crane Counterweight  
 25,000 Lb. Front Bumper Counterweight  
 360 Degree Rating On Fully Extended Outriggers

Designed And Tested  
 With The Intent To  
 Be In The Scope of  
 ANSI B30.5



## 160 Ft. Boom, 150 Ft. Luffing Jib, 30 Ft. Fixed Jib

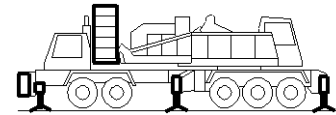
| Fixed Jib<br>Oper.<br>Rad.<br>Feet | 88 Degree<br>Boom Angle        |                                        |                                 | 83 Degree<br>Boom Angle        |                                        |                                 | 70 Degree<br>Boom Angle        |                                        |                                 | Fixed Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|------------------------------------|
|                                    | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds |                                    |
| 60                                 | 74.8                           | 345.5                                  | 25,100 *                        |                                |                                        |                                 |                                |                                        |                                 | 60                                 |
| 65                                 | 73.1                           | 344.1                                  | 24,900 *                        |                                |                                        |                                 |                                |                                        |                                 | 65                                 |
| 70                                 | 71.5                           | 342.4                                  | 24,700 *                        |                                |                                        |                                 |                                |                                        |                                 | 70                                 |
| 75                                 | 69.8                           | 340.6                                  | 24,400 *                        |                                |                                        |                                 |                                |                                        |                                 | 75                                 |
| 80                                 | 68.1                           | 338.6                                  | 24,100 *                        |                                |                                        |                                 |                                |                                        |                                 | 80                                 |
| 85                                 | 66.4                           | 336.5                                  | 23,700 *                        |                                |                                        |                                 |                                |                                        |                                 | 85                                 |
| 90                                 | 64.6                           | 334.1                                  | 23,100 *                        | 69.5                           | 339.1                                  | 23,400 *                        |                                |                                        |                                 | 90                                 |
| 95                                 | 62.9                           | 331.6                                  | 22,300 *                        | 67.8                           | 337.1                                  | 23,200 *                        |                                |                                        |                                 | 95                                 |
| 100                                | 61.0                           | 328.9                                  | 21,500 *                        | 66.1                           | 334.9                                  | 23,100 *                        |                                |                                        |                                 | 100                                |
| 105                                | 59.2                           | 326.0                                  | 20,800 *                        | 64.3                           | 332.5                                  | 23,000 *                        |                                |                                        |                                 | 105                                |
| 110                                | 57.3                           | 322.8                                  | 20,100 *                        | 62.5                           | 330.0                                  | 22,600 *                        |                                |                                        |                                 | 110                                |
| 115                                | 55.4                           | 319.4                                  | 19,500 *                        | 60.7                           | 327.2                                  | 21,800 *                        |                                |                                        |                                 | 115                                |
| 120                                | 53.5                           | 315.8                                  | 18,800 *                        | 58.9                           | 324.2                                  | 21,000 *                        |                                |                                        |                                 | 120                                |
| 125                                | 51.5                           | 311.9                                  | 18,300 *                        | 57.0                           | 321.0                                  | 20,300 *                        |                                |                                        |                                 | 125                                |
| 130                                | 49.4                           | 307.6                                  | 17,700 *                        | 55.1                           | 317.6                                  | 19,700 *                        |                                |                                        |                                 | 130                                |
| 135                                | 47.3                           | 303.1                                  | 17,200 *                        | 53.1                           | 313.9                                  | 19,000 *                        |                                |                                        |                                 | 135                                |
| 140                                | 45.0                           | 298.2                                  | 16,500 *                        | 51.1                           | 309.9                                  | 18,500 *                        |                                |                                        |                                 | 140                                |
| 145                                | 42.7                           | 292.9                                  | 15,900 *                        | 49.0                           | 305.7                                  | 17,800 *                        |                                |                                        |                                 | 145                                |
| 150                                | 40.3                           | 287.2                                  | 15,300 *                        | 46.9                           | 301.1                                  | 16,800 *                        |                                |                                        |                                 | 150                                |
| 155                                | 37.8                           | 280.9                                  | 14,600 *                        | 44.6                           | 296.1                                  | 16,000 *                        |                                |                                        |                                 | 155                                |
| 160                                | 35.1                           | 274.0                                  | 14,000 *                        | 42.3                           | 290.7                                  | 15,200 *                        | 57.3                           | 312.7                                  | 10,900                          | 160                                |
| 165                                | 32.2                           | 266.3                                  | 13,400 *                        | 39.9                           | 284.9                                  | 14,400 *                        | 55.4                           | 309.3                                  | 10,300                          | 165                                |
| 170                                | 29.0                           | 257.7                                  | 12,700 *                        | 37.3                           | 278.5                                  | 13,700 *                        | 53.4                           | 305.6                                  | 9,800                           | 170                                |
| 175                                | 25.5                           | 247.7                                  | 11,900 *                        | 34.6                           | 271.5                                  | 13,100 *                        | 51.4                           | 301.7                                  | 9,300                           | 175                                |
| 180                                | 21.4                           | 235.9                                  | 11,200 *                        | 31.6                           | 263.7                                  | 12,400 *                        | 49.3                           | 297.5                                  | 8,800                           | 180                                |
| 185                                | 16.4                           | 220.9                                  | 10,500 *                        | 28.4                           | 254.8                                  | 11,800 *                        | 47.2                           | 292.9                                  | 8,400                           | 185                                |
| 190                                | 8.8                            | 197.5                                  | 8,800 *                         | 24.8                           | 244.6                                  | 11,300 *                        | 45.0                           | 288.0                                  | 8,000                           | 190                                |
| 195                                |                                |                                        |                                 | 20.6                           | 232.3                                  | 10,700 *                        | 42.6                           | 282.7                                  | 7,600                           | 195                                |
| 200                                |                                |                                        |                                 | 15.3                           | 216.4                                  | 10,200 *                        | 40.2                           | 276.9                                  | 7,200                           | 200                                |
| 205                                |                                |                                        |                                 | 6.6                            | 189.3                                  | 9,100 *                         | 37.7                           | 270.6                                  | 6,900                           | 205                                |
| 210                                |                                |                                        |                                 |                                |                                        |                                 | 35.0                           | 263.7                                  | 6,500                           | 210                                |
| 220                                |                                |                                        |                                 |                                |                                        |                                 | 28.9                           | 247.3                                  | 5,900                           | 220                                |
| 230                                |                                |                                        |                                 |                                |                                        |                                 | 21.3                           | 225.4                                  | 5,300                           | 230                                |
| 240                                |                                |                                        |                                 |                                |                                        |                                 | 8.4                            | 186.3                                  | 4,700                           | 240                                |

# Liftcrane Fixed Jib Capacities

**777T**

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
Luffing Jib No. 139 On Boom No. 78T With Heavy Lift Top  
95,400 Lb. Crane Counterweight  
25,000 Lb. Front Bumper Counterweight  
360 Degree Rating On Fully Extended Outriggers

Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 160 Ft. Boom, 160 Ft. Luffing Jib, 30 Ft. Fixed Jib

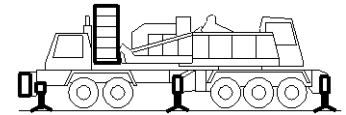
| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle  |                            |                           | 83 Degree Boom Angle  |                            |                           | 70 Degree Boom Angle  |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|-----------------------|----------------------------|---------------------------|-----------------------|----------------------------|---------------------------|-----------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Ang. Deg. | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Ang. Deg. | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Ang. Deg. | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 60                        | 75.6                  | 355.9                      | 22,600 *                  |                       |                            |                           |                       |                            |                           | 60                        |
| 65                        | 74.1                  | 354.5                      | 22,300 *                  |                       |                            |                           |                       |                            |                           | 65                        |
| 70                        | 72.5                  | 353.0                      | 22,100 *                  |                       |                            |                           |                       |                            |                           | 70                        |
| 75                        | 70.9                  | 351.3                      | 21,800 *                  |                       |                            |                           |                       |                            |                           | 75                        |
| 80                        | 69.3                  | 349.4                      | 21,600 *                  |                       |                            |                           |                       |                            |                           | 80                        |
| 85                        | 67.7                  | 347.4                      | 21,300 *                  |                       |                            |                           |                       |                            |                           | 85                        |
| 90                        | 66.0                  | 345.2                      | 21,100 *                  | 70.6                  | 349.7                      | 20,700 *                  |                       |                            |                           | 90                        |
| 95                        | 64.4                  | 342.8                      | 20,700 *                  | 69.0                  | 347.9                      | 20,700 *                  |                       |                            |                           | 95                        |
| 100                       | 62.7                  | 340.3                      | 20,200 *                  | 67.4                  | 345.8                      | 20,500 *                  |                       |                            |                           | 100                       |
| 105                       | 61.0                  | 337.6                      | 19,700 *                  | 65.8                  | 343.6                      | 20,400 *                  |                       |                            |                           | 105                       |
| 110                       | 59.3                  | 334.6                      | 19,100 *                  | 64.1                  | 341.2                      | 20,300 *                  |                       |                            |                           | 110                       |
| 115                       | 57.5                  | 331.5                      | 18,600 *                  | 62.4                  | 338.6                      | 20,200 *                  |                       |                            |                           | 115                       |
| 120                       | 55.7                  | 328.1                      | 18,000 *                  | 60.7                  | 335.9                      | 19,900 *                  |                       |                            |                           | 120                       |
| 125                       | 53.8                  | 324.5                      | 17,500 *                  | 58.9                  | 332.9                      | 19,800 *                  |                       |                            |                           | 125                       |
| 130                       | 51.9                  | 320.7                      | 16,900 *                  | 57.2                  | 329.7                      | 19,300 *                  |                       |                            |                           | 130                       |
| 135                       | 50.0                  | 316.5                      | 16,400 *                  | 55.4                  | 326.3                      | 18,700 *                  |                       |                            |                           | 135                       |
| 140                       | 48.0                  | 312.1                      | 15,800 *                  | 53.5                  | 322.7                      | 18,100 *                  |                       |                            |                           | 140                       |
| 145                       | 45.9                  | 307.4                      | 15,200 *                  | 51.6                  | 318.8                      | 17,300 *                  |                       |                            |                           | 145                       |
| 150                       | 43.8                  | 302.2                      | 14,700 *                  | 49.6                  | 314.6                      | 16,400 *                  |                       |                            |                           | 150                       |
| 155                       | 41.5                  | 296.7                      | 14,200 *                  | 47.6                  | 310.1                      | 15,500 *                  |                       |                            |                           | 155                       |
| 160                       | 39.2                  | 290.7                      | 13,700 *                  | 45.5                  | 305.3                      | 14,700 *                  |                       |                            |                           | 160                       |
| 165                       | 36.7                  | 284.2                      | 13,200 *                  | 43.4                  | 300.1                      | 14,000 *                  | 57.4                  | 321.4                      | 9,900                     | 165                       |
| 170                       | 34.1                  | 277.0                      | 12,400 *                  | 41.1                  | 294.5                      | 13,300 *                  | 55.6                  | 318.0                      | 9,400                     | 170                       |
| 175                       | 31.3                  | 269.1                      | 11,700 *                  | 38.8                  | 288.4                      | 12,600 *                  | 53.8                  | 314.4                      | 8,900                     | 175                       |
| 180                       | 28.2                  | 260.2                      | 11,000 *                  | 36.3                  | 281.8                      | 12,000 *                  | 51.9                  | 310.5                      | 8,500                     | 180                       |
| 185                       | 24.8                  | 249.9                      | 10,300 *                  | 33.6                  | 274.5                      | 11,400 *                  | 49.9                  | 306.4                      | 8,000                     | 185                       |
| 190                       | 20.8                  | 237.7                      | 9,700 *                   | 30.8                  | 266.4                      | 10,800 *                  | 47.9                  | 301.9                      | 7,600                     | 190                       |
| 195                       | 16.0                  | 222.2                      | 9,000 *                   | 27.6                  | 257.3                      | 10,300 *                  | 45.8                  | 297.2                      | 7,200                     | 195                       |
| 200                       | 8.6                   | 198.2                      | 7,500 *                   | 24.1                  | 246.7                      | 9,800 *                   | 43.7                  | 292.0                      | 6,800                     | 200                       |
| 205                       |                       |                            |                           | 20.1                  | 234.1                      | 9,300 *                   | 41.4                  | 286.5                      | 6,500                     | 205                       |
| 210                       |                       |                            |                           | 14.9                  | 217.7                      | 8,800 *                   | 39.1                  | 280.5                      | 6,100                     | 210                       |
| 220                       |                       |                            |                           |                       |                            |                           | 34.0                  | 266.8                      | 5,500                     | 220                       |
| 230                       |                       |                            |                           |                       |                            |                           | 28.1                  | 249.8                      | 4,900                     | 230                       |
| 240                       |                       |                            |                           |                       |                            |                           | 20.7                  | 227.2                      | 4,400                     | 240                       |

# Liftcrane Fixed Jib Capacities

**777T**

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
 Luffing Jib No. 139 On Boom No. 78T With Heavy Lift Top  
 95,400 Lb. Crane Counterweight  
 25,000 Lb. Front Bumper Counterweight  
 360 Degree Rating On Fully Extended Outriggers

Designed And Tested  
 With The Intent To  
 Be In The Scope of  
 ANSI B30.5



## 160 Ft. Boom, 170 Ft. Luffing Jib, 30 Ft. Fixed Jib

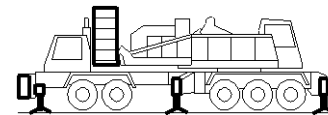
| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle  |                            |                           | 83 Degree Boom Angle  |                            |                           | 70 Degree Boom Angle  |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|-----------------------|----------------------------|---------------------------|-----------------------|----------------------------|---------------------------|-----------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Ang. Deg. | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Ang. Deg. | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Ang. Deg. | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 65                        | 74.9                  | 364.9                      | 20,000 *                  |                       |                            |                           |                       |                            |                           | 65                        |
| 70                        | 73.4                  | 363.5                      | 19,800 *                  |                       |                            |                           |                       |                            |                           | 70                        |
| 75                        | 71.9                  | 361.8                      | 19,500 *                  |                       |                            |                           |                       |                            |                           | 75                        |
| 80                        | 70.4                  | 360.1                      | 19,300 *                  |                       |                            |                           |                       |                            |                           | 80                        |
| 85                        | 68.9                  | 358.2                      | 19,100 *                  |                       |                            |                           |                       |                            |                           | 85                        |
| 90                        | 67.3                  | 356.1                      | 18,800 *                  |                       |                            |                           |                       |                            |                           | 90                        |
| 95                        | 65.8                  | 353.9                      | 18,600 *                  | 70.1                  | 358.6                      | 18,400 *                  |                       |                            |                           | 95                        |
| 100                       | 64.2                  | 351.5                      | 18,300 *                  | 68.6                  | 356.6                      | 18,200 *                  |                       |                            |                           | 100                       |
| 105                       | 62.6                  | 349.0                      | 18,100 *                  | 67.0                  | 354.5                      | 18,100 *                  |                       |                            |                           | 105                       |
| 110                       | 60.9                  | 346.2                      | 17,700 *                  | 65.5                  | 352.3                      | 17,900 *                  |                       |                            |                           | 110                       |
| 115                       | 59.3                  | 343.3                      | 17,300 *                  | 63.9                  | 349.9                      | 17,800 *                  |                       |                            |                           | 115                       |
| 120                       | 57.6                  | 340.2                      | 16,800 *                  | 62.3                  | 347.3                      | 17,600 *                  |                       |                            |                           | 120                       |
| 125                       | 55.9                  | 336.8                      | 16,400 *                  | 60.7                  | 344.5                      | 17,400 *                  |                       |                            |                           | 125                       |
| 130                       | 54.1                  | 333.3                      | 15,900 *                  | 59.0                  | 341.5                      | 17,300 *                  |                       |                            |                           | 130                       |
| 135                       | 52.4                  | 329.5                      | 15,400 *                  | 57.3                  | 338.4                      | 17,200 *                  |                       |                            |                           | 135                       |
| 140                       | 50.5                  | 325.4                      | 15,000 *                  | 55.6                  | 335.0                      | 17,000 *                  |                       |                            |                           | 140                       |
| 145                       | 48.6                  | 321.1                      | 14,500 *                  | 53.8                  | 331.4                      | 16,700 *                  |                       |                            |                           | 145                       |
| 150                       | 46.7                  | 316.4                      | 14,000 *                  | 52.0                  | 327.6                      | 16,000 *                  |                       |                            |                           | 150                       |
| 155                       | 44.7                  | 311.5                      | 13,600 *                  | 50.2                  | 323.5                      | 15,200 *                  |                       |                            |                           | 155                       |
| 160                       | 42.6                  | 306.1                      | 13,100 *                  | 48.3                  | 319.1                      | 14,400 *                  |                       |                            |                           | 160                       |
| 165                       | 40.4                  | 300.4                      | 12,700 *                  | 46.3                  | 314.4                      | 13,600 *                  |                       |                            |                           | 165                       |
| 170                       | 38.2                  | 294.2                      | 12,200 *                  | 44.3                  | 309.4                      | 12,900 *                  | 57.5                  | 330.0                      | 9,100                     | 170                       |
| 175                       | 35.8                  | 287.4                      | 11,400 *                  | 42.2                  | 304.0                      | 12,200 *                  | 55.8                  | 326.7                      | 8,600                     | 175                       |
| 180                       | 33.2                  | 280.0                      | 10,800 *                  | 40.0                  | 298.1                      | 11,600 *                  | 54.1                  | 323.1                      | 8,200                     | 180                       |
| 185                       | 30.5                  | 271.8                      | 10,100 *                  | 37.7                  | 291.8                      | 11,000 *                  | 52.3                  | 319.3                      | 7,700                     | 185                       |
| 190                       | 27.5                  | 262.6                      | 9,500 *                   | 35.3                  | 285.0                      | 10,500 *                  | 50.5                  | 315.2                      | 7,300                     | 190                       |
| 195                       | 24.1                  | 252.0                      | 8,900 *                   | 32.7                  | 277.4                      | 9,900 *                   | 48.6                  | 310.9                      | 6,900                     | 195                       |
| 200                       | 20.3                  | 239.5                      | 8,300 *                   | 30.0                  | 269.1                      | 9,400 *                   | 46.6                  | 306.3                      | 6,500                     | 200                       |
| 205                       | 15.5                  | 223.6                      | 7,700 *                   | 26.9                  | 259.6                      | 8,900 *                   | 44.6                  | 301.3                      | 6,200                     | 205                       |
| 210                       | 8.4                   | 198.9                      | 6,300 *                   | 23.5                  | 248.8                      | 8,500 *                   | 42.5                  | 295.9                      | 5,900                     | 210                       |
| 220                       |                       |                            |                           | 14.5                  | 219.0                      | 7,600 *                   | 38.1                  | 283.9                      | 5,200                     | 220                       |
| 230                       |                       |                            |                           |                       |                            |                           | 33.1                  | 269.7                      | 4,700                     | 230                       |
| 240                       |                       |                            |                           |                       |                            |                           | 27.4                  | 252.2                      | 4,100                     | 240                       |

# Liftcrane Fixed Jib Capacities

**777T**

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
Luffing Jib No. 139 On Boom No. 78T With Heavy Lift Top  
95,400 Lb. Crane Counterweight  
25,000 Lb. Front Bumper Counterweight  
360 Degree Rating On Fully Extended Outriggers

Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 160 Ft. Boom, 140 Ft. Luffing Jib, 40 Ft. Fixed Jib

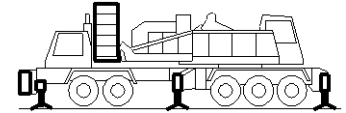
| Fixed Jib<br>Oper.<br>Rad.<br>Feet | 88 Degree<br>Boom Angle        |                                        |                                 | 83 Degree<br>Boom Angle        |                                        |                                 | 70 Degree<br>Boom Angle        |                                        |                                 | Fixed Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|------------------------------------|
|                                    | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds |                                    |
| 60                                 | 75.2                           | 345.5                                  | 22,100 *                        |                                |                                        |                                 |                                |                                        |                                 | 60                                 |
| 65                                 | 73.6                           | 344.0                                  | 21,800 *                        |                                |                                        |                                 |                                |                                        |                                 | 65                                 |
| 70                                 | 71.9                           | 342.4                                  | 21,600 *                        |                                |                                        |                                 |                                |                                        |                                 | 70                                 |
| 75                                 | 70.2                           | 340.6                                  | 21,400 *                        |                                |                                        |                                 |                                |                                        |                                 | 75                                 |
| 80                                 | 68.5                           | 338.6                                  | 21,100 *                        |                                |                                        |                                 |                                |                                        |                                 | 80                                 |
| 85                                 | 66.8                           | 336.4                                  | 20,900 *                        |                                |                                        |                                 |                                |                                        |                                 | 85                                 |
| 90                                 | 65.0                           | 334.1                                  | 20,200 *                        | 69.9                           | 339.0                                  | 21,400 *                        |                                |                                        |                                 | 90                                 |
| 95                                 | 63.3                           | 331.6                                  | 19,400 *                        | 68.2                           | 337.0                                  | 21,200 *                        |                                |                                        |                                 | 95                                 |
| 100                                | 61.5                           | 328.8                                  | 18,700 *                        | 66.5                           | 334.8                                  | 21,100 *                        |                                |                                        |                                 | 100                                |
| 105                                | 59.6                           | 325.9                                  | 18,000 *                        | 64.7                           | 332.5                                  | 20,400 *                        |                                |                                        |                                 | 105                                |
| 110                                | 57.8                           | 322.7                                  | 17,400 *                        | 62.9                           | 329.9                                  | 19,600 *                        |                                |                                        |                                 | 110                                |
| 115                                | 55.8                           | 319.4                                  | 16,800 *                        | 61.1                           | 327.1                                  | 18,900 *                        |                                |                                        |                                 | 115                                |
| 120                                | 53.9                           | 315.7                                  | 16,200 *                        | 59.3                           | 324.2                                  | 18,200 *                        |                                |                                        |                                 | 120                                |
| 125                                | 51.9                           | 311.8                                  | 15,700 *                        | 57.4                           | 321.0                                  | 17,500 *                        |                                |                                        |                                 | 125                                |
| 130                                | 49.8                           | 307.6                                  | 15,200 *                        | 55.5                           | 317.5                                  | 16,900 *                        |                                |                                        |                                 | 130                                |
| 135                                | 47.7                           | 303.0                                  | 14,700 *                        | 53.5                           | 313.8                                  | 16,400 *                        |                                |                                        |                                 | 135                                |
| 140                                | 45.4                           | 298.1                                  | 14,300 *                        | 51.5                           | 309.9                                  | 15,800 *                        |                                |                                        |                                 | 140                                |
| 145                                | 43.1                           | 292.8                                  | 13,900 *                        | 49.4                           | 305.6                                  | 15,300 *                        |                                |                                        |                                 | 145                                |
| 150                                | 40.7                           | 287.1                                  | 13,500 *                        | 47.3                           | 301.0                                  | 14,900 *                        |                                |                                        |                                 | 150                                |
| 155                                | 38.2                           | 280.8                                  | 13,200 *                        | 45.0                           | 296.0                                  | 14,400 *                        |                                |                                        |                                 | 155                                |
| 160                                | 35.5                           | 273.9                                  | 12,800 *                        | 42.7                           | 290.7                                  | 14,000 *                        | 57.7                           | 312.6                                  | 11,100                          | 160                                |
| 165                                | 32.6                           | 266.2                                  | 12,500 *                        | 40.3                           | 284.8                                  | 13,700 *                        | 55.8                           | 309.2                                  | 10,600                          | 165                                |
| 170                                | 29.4                           | 257.6                                  | 12,300 *                        | 37.7                           | 278.4                                  | 13,300 *                        | 53.8                           | 305.6                                  | 10,000                          | 170                                |
| 175                                | 25.9                           | 247.6                                  | 11,900 *                        | 35.0                           | 271.4                                  | 13,000 *                        | 51.8                           | 301.6                                  | 9,500                           | 175                                |
| 180                                | 21.8                           | 235.8                                  | 11,300 *                        | 32.0                           | 263.6                                  | 12,700 *                        | 49.7                           | 297.4                                  | 9,100                           | 180                                |
| 185                                | 16.8                           | 220.7                                  | 10,800 *                        | 28.8                           | 254.7                                  | 12,200 *                        | 47.6                           | 292.9                                  | 8,600                           | 185                                |
| 190                                | 9.2                            | 197.2                                  | 9,200 *                         | 25.2                           | 244.5                                  | 11,600 *                        | 45.4                           | 288.0                                  | 8,200                           | 190                                |
| 195                                |                                |                                        |                                 | 21.0                           | 232.2                                  | 11,100 *                        | 43.0                           | 282.6                                  | 7,800                           | 195                                |
| 200                                |                                |                                        |                                 | 15.7                           | 216.3                                  | 10,600 *                        | 40.6                           | 276.9                                  | 7,400                           | 200                                |
| 205                                |                                |                                        |                                 | 6.9                            | 188.9                                  | 9,500 *                         | 38.1                           | 270.6                                  | 7,100                           | 205                                |
| 210                                |                                |                                        |                                 |                                |                                        |                                 | 35.4                           | 263.6                                  | 6,700                           | 210                                |
| 220                                |                                |                                        |                                 |                                |                                        |                                 | 29.3                           | 247.2                                  | 6,100                           | 220                                |
| 230                                |                                |                                        |                                 |                                |                                        |                                 | 21.6                           | 225.3                                  | 5,500                           | 230                                |
| 240                                |                                |                                        |                                 |                                |                                        |                                 | 8.7                            | 185.9                                  | 4,900                           | 240                                |

# Liftcrane Fixed Jib Capacities

**777T**

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
Luffing Jib No. 139 On Boom No. 78T With Heavy Lift Top  
95,400 Lb. Crane Counterweight  
25,000 Lb. Front Bumper Counterweight  
360 Degree Rating On Fully Extended Outriggers

Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 160 Ft. Boom, 150 Ft. Luffing Jib, 40 Ft. Fixed Jib

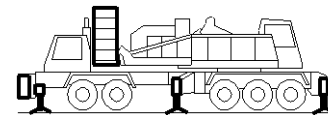
| Fixed Jib<br>Oper.<br>Rad.<br>Feet | 88 Degree<br>Boom Angle        |                                        |                                 | 83 Degree<br>Boom Angle        |                                        |                                 | 70 Degree<br>Boom Angle        |                                        |                                 | Fixed Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|------------------------------------|
|                                    | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds |                                    |
| 60                                 | 76.0                           | 355.9                                  | 21,500 *                        |                                |                                        |                                 |                                |                                        |                                 | 60                                 |
| 65                                 | 74.5                           | 354.5                                  | 21,300 *                        |                                |                                        |                                 |                                |                                        |                                 | 65                                 |
| 70                                 | 72.9                           | 352.9                                  | 21,100 *                        |                                |                                        |                                 |                                |                                        |                                 | 70                                 |
| 75                                 | 71.3                           | 351.2                                  | 20,900 *                        |                                |                                        |                                 |                                |                                        |                                 | 75                                 |
| 80                                 | 69.7                           | 349.3                                  | 20,700 *                        |                                |                                        |                                 |                                |                                        |                                 | 80                                 |
| 85                                 | 68.1                           | 347.3                                  | 20,500 *                        |                                |                                        |                                 |                                |                                        |                                 | 85                                 |
| 90                                 | 66.4                           | 345.1                                  | 19,800 *                        | 71.0                           | 349.7                                  | 20,400 *                        |                                |                                        |                                 | 90                                 |
| 95                                 | 64.8                           | 342.8                                  | 19,000 *                        | 69.4                           | 347.8                                  | 20,300 *                        |                                |                                        |                                 | 95                                 |
| 100                                | 63.1                           | 340.2                                  | 18,300 *                        | 67.8                           | 345.8                                  | 20,100 *                        |                                |                                        |                                 | 100                                |
| 105                                | 61.4                           | 337.5                                  | 17,600 *                        | 66.1                           | 343.5                                  | 19,900 *                        |                                |                                        |                                 | 105                                |
| 110                                | 59.6                           | 334.6                                  | 17,000 *                        | 64.5                           | 341.1                                  | 19,200 *                        |                                |                                        |                                 | 110                                |
| 115                                | 57.9                           | 331.4                                  | 16,400 *                        | 62.8                           | 338.6                                  | 18,500 *                        |                                |                                        |                                 | 115                                |
| 120                                | 56.1                           | 328.1                                  | 15,900 *                        | 61.1                           | 335.8                                  | 17,800 *                        |                                |                                        |                                 | 120                                |
| 125                                | 54.2                           | 324.5                                  | 15,400 *                        | 59.3                           | 332.8                                  | 17,200 *                        |                                |                                        |                                 | 125                                |
| 130                                | 52.3                           | 320.6                                  | 14,900 *                        | 57.6                           | 329.6                                  | 16,600 *                        |                                |                                        |                                 | 130                                |
| 135                                | 50.4                           | 316.5                                  | 14,500 *                        | 55.7                           | 326.2                                  | 16,100 *                        |                                |                                        |                                 | 135                                |
| 140                                | 48.4                           | 312.0                                  | 14,100 *                        | 53.9                           | 322.6                                  | 15,600 *                        |                                |                                        |                                 | 140                                |
| 145                                | 46.3                           | 307.3                                  | 13,700 *                        | 52.0                           | 318.7                                  | 15,100 *                        |                                |                                        |                                 | 145                                |
| 150                                | 44.1                           | 302.2                                  | 13,300 *                        | 50.0                           | 314.5                                  | 14,600 *                        |                                |                                        |                                 | 150                                |
| 155                                | 41.9                           | 296.6                                  | 13,000 *                        | 48.0                           | 310.0                                  | 14,200 *                        |                                |                                        |                                 | 155                                |
| 160                                | 39.6                           | 290.6                                  | 12,700 *                        | 45.9                           | 305.2                                  | 13,800 *                        |                                |                                        |                                 | 160                                |
| 165                                | 37.1                           | 284.1                                  | 12,400 *                        | 43.8                           | 300.0                                  | 13,400 *                        | 57.8                           | 321.3                                  | 10,400                          | 165                                |
| 170                                | 34.5                           | 276.9                                  | 12,100 *                        | 41.5                           | 294.4                                  | 13,100 *                        | 56.0                           | 317.9                                  | 9,900                           | 170                                |
| 175                                | 31.7                           | 269.0                                  | 11,700 *                        | 39.1                           | 288.3                                  | 12,800 *                        | 54.1                           | 314.3                                  | 9,400                           | 175                                |
| 180                                | 28.6                           | 260.1                                  | 11,200 *                        | 36.6                           | 281.7                                  | 12,500 *                        | 52.2                           | 310.4                                  | 8,900                           | 180                                |
| 185                                | 25.2                           | 249.8                                  | 10,900 *                        | 34.0                           | 274.4                                  | 12,000 *                        | 50.3                           | 306.3                                  | 8,500                           | 185                                |
| 190                                | 21.2                           | 237.6                                  | 10,300 *                        | 31.1                           | 266.3                                  | 11,400 *                        | 48.3                           | 301.9                                  | 8,100                           | 190                                |
| 195                                | 16.3                           | 222.0                                  | 9,600 *                         | 28.0                           | 257.2                                  | 10,900 *                        | 46.2                           | 297.1                                  | 7,700                           | 195                                |
| 200                                | 8.9                            | 197.9                                  | 8,000 *                         | 24.5                           | 246.6                                  | 10,400 *                        | 44.1                           | 292.0                                  | 7,300                           | 200                                |
| 205                                |                                |                                        |                                 | 20.4                           | 233.9                                  | 9,900 *                         | 41.8                           | 286.4                                  | 6,900                           | 205                                |
| 210                                |                                |                                        |                                 | 15.3                           | 217.5                                  | 9,500 *                         | 39.5                           | 280.4                                  | 6,600                           | 210                                |
| 220                                |                                |                                        |                                 |                                |                                        |                                 | 34.4                           | 266.7                                  | 6,000                           | 220                                |
| 230                                |                                |                                        |                                 |                                |                                        |                                 | 28.5                           | 249.7                                  | 5,400                           | 230                                |
| 240                                |                                |                                        |                                 |                                |                                        |                                 | 21.0                           | 227.1                                  | 4,800                           | 240                                |
| 250                                |                                |                                        |                                 |                                |                                        |                                 | 8.5                            | 186.6                                  | 4,300                           | 250                                |

# Liftcrane Fixed Jib Capacities

**777T**

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
Luffing Jib No. 139 On Boom No. 78T With Heavy Lift Top  
95,400 Lb. Crane Counterweight  
25,000 Lb. Front Bumper Counterweight  
360 Degree Rating On Fully Extended Outriggers

Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 160 Ft. Boom, 160 Ft. Luffing Jib, 40 Ft. Fixed Jib

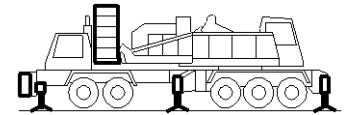
| Fixed Jib<br>Oper.<br>Rad.<br>Feet | 88 Degree<br>Boom Angle        |                                        |                                 | 83 Degree<br>Boom Angle        |                                        |                                 | 70 Degree<br>Boom Angle        |                                        |                                 | Fixed Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|------------------------------------|
|                                    | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds |                                    |
| 65                                 | 75.2                           | 364.9                                  | 19,800 *                        |                                |                                        |                                 |                                |                                        |                                 | 65                                 |
| 70                                 | 73.8                           | 363.4                                  | 19,600 *                        |                                |                                        |                                 |                                |                                        |                                 | 70                                 |
| 75                                 | 72.3                           | 361.8                                  | 19,400 *                        |                                |                                        |                                 |                                |                                        |                                 | 75                                 |
| 80                                 | 70.8                           | 360.0                                  | 19,100 *                        |                                |                                        |                                 |                                |                                        |                                 | 80                                 |
| 85                                 | 69.2                           | 358.1                                  | 18,900 *                        |                                |                                        |                                 |                                |                                        |                                 | 85                                 |
| 90                                 | 67.7                           | 356.1                                  | 18,600 *                        |                                |                                        |                                 |                                |                                        |                                 | 90                                 |
| 95                                 | 66.1                           | 353.8                                  | 18,500 *                        | 70.5                           | 358.5                                  | 18,300 *                        |                                |                                        |                                 | 95                                 |
| 100                                | 64.5                           | 351.5                                  | 17,900 *                        | 69.0                           | 356.6                                  | 18,200 *                        |                                |                                        |                                 | 100                                |
| 105                                | 62.9                           | 348.9                                  | 17,200 *                        | 67.4                           | 354.5                                  | 18,000 *                        |                                |                                        |                                 | 105                                |
| 110                                | 61.3                           | 346.2                                  | 16,700 *                        | 65.8                           | 352.2                                  | 17,900 *                        |                                |                                        |                                 | 110                                |
| 115                                | 59.7                           | 343.2                                  | 16,100 *                        | 64.3                           | 349.8                                  | 17,700 *                        |                                |                                        |                                 | 115                                |
| 120                                | 58.0                           | 340.1                                  | 15,600 *                        | 62.7                           | 347.2                                  | 17,400 *                        |                                |                                        |                                 | 120                                |
| 125                                | 56.3                           | 336.8                                  | 15,100 *                        | 61.0                           | 344.5                                  | 16,800 *                        |                                |                                        |                                 | 125                                |
| 130                                | 54.5                           | 333.2                                  | 14,700 *                        | 59.4                           | 341.5                                  | 16,300 *                        |                                |                                        |                                 | 130                                |
| 135                                | 52.7                           | 329.4                                  | 14,200 *                        | 57.7                           | 338.3                                  | 15,700 *                        |                                |                                        |                                 | 135                                |
| 140                                | 50.9                           | 325.3                                  | 13,900 *                        | 56.0                           | 334.9                                  | 15,300 *                        |                                |                                        |                                 | 140                                |
| 145                                | 49.0                           | 321.0                                  | 13,500 *                        | 54.2                           | 331.3                                  | 14,800 *                        |                                |                                        |                                 | 145                                |
| 150                                | 47.1                           | 316.4                                  | 13,100 *                        | 52.4                           | 327.5                                  | 14,400 *                        |                                |                                        |                                 | 150                                |
| 155                                | 45.0                           | 311.4                                  | 12,800 *                        | 50.6                           | 323.4                                  | 14,000 *                        |                                |                                        |                                 | 155                                |
| 160                                | 43.0                           | 306.1                                  | 12,500 *                        | 48.7                           | 319.0                                  | 13,600 *                        |                                |                                        |                                 | 160                                |
| 165                                | 40.8                           | 300.3                                  | 12,200 *                        | 46.7                           | 314.3                                  | 13,200 *                        |                                |                                        |                                 | 165                                |
| 170                                | 38.5                           | 294.1                                  | 11,900 *                        | 44.7                           | 309.3                                  | 12,900 *                        | 57.9                           | 330.0                                  | 9,500                           | 170                                |
| 175                                | 36.1                           | 287.3                                  | 11,600 *                        | 42.6                           | 303.9                                  | 12,600 *                        | 56.2                           | 326.6                                  | 9,000                           | 175                                |
| 180                                | 33.6                           | 279.9                                  | 11,100 *                        | 40.4                           | 298.1                                  | 12,200 *                        | 54.4                           | 323.1                                  | 8,500                           | 180                                |
| 185                                | 30.8                           | 271.7                                  | 10,700 *                        | 38.1                           | 291.8                                  | 11,600 *                        | 52.7                           | 319.2                                  | 8,100                           | 185                                |
| 190                                | 27.8                           | 262.5                                  | 10,100 *                        | 35.7                           | 284.9                                  | 11,000 *                        | 50.8                           | 315.2                                  | 7,700                           | 190                                |
| 195                                | 24.5                           | 251.9                                  | 9,500 *                         | 33.1                           | 277.3                                  | 10,500 *                        | 48.9                           | 310.8                                  | 7,300                           | 195                                |
| 200                                | 20.6                           | 239.3                                  | 8,900 *                         | 30.3                           | 269.0                                  | 10,000 *                        | 47.0                           | 306.2                                  | 6,900                           | 200                                |
| 205                                | 15.9                           | 223.4                                  | 8,300 *                         | 27.3                           | 259.5                                  | 9,500 *                         | 45.0                           | 301.2                                  | 6,600                           | 205                                |
| 210                                | 8.6                            | 198.6                                  | 6,800 *                         | 23.9                           | 248.7                                  | 9,000 *                         | 42.9                           | 295.9                                  | 6,200                           | 210                                |
| 220                                |                                |                                        |                                 | 14.9                           | 218.8                                  | 8,200 *                         | 38.4                           | 283.9                                  | 5,600                           | 220                                |
| 230                                |                                |                                        |                                 |                                |                                        |                                 | 33.5                           | 269.6                                  | 5,000                           | 230                                |
| 240                                |                                |                                        |                                 |                                |                                        |                                 | 27.7                           | 252.1                                  | 4,500                           | 240                                |
| 250                                |                                |                                        |                                 |                                |                                        |                                 | 20.5                           | 228.8                                  | 4,000                           | 250                                |

# Liftcrane Fixed Jib Capacities

**777T**

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
Luffing Jib No. 139 On Boom No. 78T With Heavy Lift Top  
95,400 Lb. Crane Counterweight  
25,000 Lb. Front Bumper Counterweight  
360 Degree Rating On Fully Extended Outriggers

Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 160 Ft. Boom, 170 Ft. Luffing Jib, 40 Ft. Fixed Jib

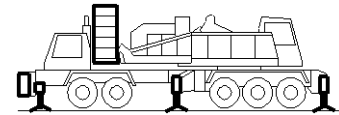
| Fixed Jib<br>Oper.<br>Rad.<br>Feet | 88 Degree<br>Boom Angle        |                                        |                                 | 83 Degree<br>Boom Angle        |                                        |                                 | 70 Degree<br>Boom Angle        |                                        |                                 | Fixed Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|------------------------------------|
|                                    | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds |                                    |
| 65                                 | 76.0                           | 375.2                                  | 18,000 *                        |                                |                                        |                                 |                                |                                        |                                 | 65                                 |
| 70                                 | 74.6                           | 373.8                                  | 17,800 *                        |                                |                                        |                                 |                                |                                        |                                 | 70                                 |
| 75                                 | 73.1                           | 372.3                                  | 17,600 *                        |                                |                                        |                                 |                                |                                        |                                 | 75                                 |
| 80                                 | 71.7                           | 370.6                                  | 17,300 *                        |                                |                                        |                                 |                                |                                        |                                 | 80                                 |
| 85                                 | 70.3                           | 368.8                                  | 17,100 *                        |                                |                                        |                                 |                                |                                        |                                 | 85                                 |
| 90                                 | 68.8                           | 366.9                                  | 16,900 *                        |                                |                                        |                                 |                                |                                        |                                 | 90                                 |
| 95                                 | 67.3                           | 364.8                                  | 16,700 *                        |                                |                                        |                                 |                                |                                        |                                 | 95                                 |
| 100                                | 65.8                           | 362.5                                  | 16,500 *                        | 70.0                           | 367.3                                  | 16,400 *                        |                                |                                        |                                 | 100                                |
| 105                                | 64.3                           | 360.1                                  | 16,300 *                        | 68.5                           | 365.3                                  | 16,300 *                        |                                |                                        |                                 | 105                                |
| 110                                | 62.8                           | 357.6                                  | 16,100 *                        | 67.1                           | 363.2                                  | 16,100 *                        |                                |                                        |                                 | 110                                |
| 115                                | 61.3                           | 354.8                                  | 15,700 *                        | 65.6                           | 360.9                                  | 15,900 *                        |                                |                                        |                                 | 115                                |
| 120                                | 59.7                           | 351.9                                  | 15,200 *                        | 64.1                           | 358.5                                  | 15,800 *                        |                                |                                        |                                 | 120                                |
| 125                                | 58.1                           | 348.8                                  | 14,800 *                        | 62.5                           | 355.9                                  | 15,700 *                        |                                |                                        |                                 | 125                                |
| 130                                | 56.4                           | 345.5                                  | 14,300 *                        | 61.0                           | 353.1                                  | 15,500 *                        |                                |                                        |                                 | 130                                |
| 135                                | 54.8                           | 341.9                                  | 13,900 *                        | 59.4                           | 350.2                                  | 15,300 *                        |                                |                                        |                                 | 135                                |
| 140                                | 53.1                           | 338.2                                  | 13,500 *                        | 57.8                           | 347.0                                  | 14,900 *                        |                                |                                        |                                 | 140                                |
| 145                                | 51.3                           | 334.2                                  | 13,200 *                        | 56.2                           | 343.6                                  | 14,400 *                        |                                |                                        |                                 | 145                                |
| 150                                | 49.6                           | 329.9                                  | 12,800 *                        | 54.5                           | 340.1                                  | 14,000 *                        |                                |                                        |                                 | 150                                |
| 155                                | 47.7                           | 325.4                                  | 12,500 *                        | 52.8                           | 336.3                                  | 13,700 *                        |                                |                                        |                                 | 155                                |
| 160                                | 45.8                           | 320.6                                  | 12,200 *                        | 51.0                           | 332.3                                  | 13,300 *                        |                                |                                        |                                 | 160                                |
| 165                                | 43.9                           | 315.4                                  | 11,900 *                        | 49.2                           | 328.0                                  | 13,000 *                        |                                |                                        |                                 | 165                                |
| 170                                | 41.9                           | 309.9                                  | 11,600 *                        | 47.4                           | 323.4                                  | 12,600 *                        |                                |                                        |                                 | 170                                |
| 175                                | 39.7                           | 303.9                                  | 11,200 *                        | 45.5                           | 318.5                                  | 12,300 *                        | 58.0                           | 338.6                                  | 8,700                           | 175                                |
| 180                                | 37.5                           | 297.5                                  | 10,800 *                        | 43.5                           | 313.3                                  | 11,800 *                        | 56.4                           | 335.3                                  | 8,200                           | 180                                |
| 185                                | 35.2                           | 290.5                                  | 10,400 *                        | 41.5                           | 307.6                                  | 11,200 *                        | 54.7                           | 331.8                                  | 7,800                           | 185                                |
| 190                                | 32.7                           | 282.8                                  | 9,800 *                         | 39.4                           | 301.6                                  | 10,600 *                        | 53.0                           | 328.0                                  | 7,400                           | 190                                |
| 195                                | 30.0                           | 274.3                                  | 9,200 *                         | 37.1                           | 295.1                                  | 10,100 *                        | 51.3                           | 324.0                                  | 7,000                           | 195                                |
| 200                                | 27.1                           | 264.8                                  | 8,700 *                         | 34.8                           | 288.0                                  | 9,600 *                         | 49.5                           | 319.8                                  | 6,600                           | 200                                |
| 205                                | 23.9                           | 254.0                                  | 8,200 *                         | 32.3                           | 280.2                                  | 9,100 *                         | 47.7                           | 315.2                                  | 6,300                           | 205                                |
| 210                                | 20.1                           | 241.1                                  | 7,600 *                         | 29.5                           | 271.5                                  | 8,700 *                         | 45.8                           | 310.4                                  | 5,900                           | 210                                |
| 220                                | 8.4                            | 199.2                                  | 5,700 *                         | 23.3                           | 250.7                                  | 7,800 *                         | 41.8                           | 299.6                                  | 5,300                           | 220                                |
| 230                                |                                |                                        |                                 | 14.5                           | 220.0                                  | 7,000 *                         | 37.5                           | 287.2                                  | 4,800                           | 230                                |
| 240                                |                                |                                        |                                 |                                |                                        |                                 | 32.6                           | 272.5                                  | 4,200                           | 240                                |

# Liftcrane Fixed Jib Capacities

**777T**

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
 Luffing Jib No. 139 On Boom No. 78T With Heavy Lift Top  
 95,400 Lb. Crane Counterweight  
 25,000 Lb. Front Bumper Counterweight  
 360 Degree Rating On Fully Extended Outriggers

Designed And Tested  
 With The Intent To  
 Be In The Scope of  
 ANSI B30.5



## 160 Ft. Boom, 140 Ft. Luffing Jib, 50 Ft. Fixed Jib

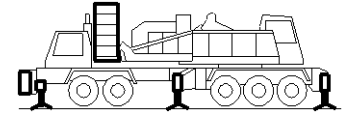
| Fixed<br>Jib<br>Oper.<br>Rad.<br>Feet | 88 Degree<br>Boom Angle        |                                        |                                 | 83 Degree<br>Boom Angle        |                                        |                                 | 70 Degree<br>Boom Angle        |                                        |                                 | Fixed<br>Jib<br>Oper.<br>Rad.<br>Feet |
|---------------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|---------------------------------------|
|                                       | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds |                                       |
| 65                                    | 74.5                           | 354.5                                  | 18,700 *                        |                                |                                        |                                 |                                |                                        |                                 | 65                                    |
| 70                                    | 73.0                           | 352.9                                  | 18,500 *                        |                                |                                        |                                 |                                |                                        |                                 | 70                                    |
| 75                                    | 71.4                           | 351.2                                  | 18,300 *                        |                                |                                        |                                 |                                |                                        |                                 | 75                                    |
| 80                                    | 69.8                           | 349.4                                  | 18,000 *                        |                                |                                        |                                 |                                |                                        |                                 | 80                                    |
| 85                                    | 68.2                           | 347.3                                  | 17,800 *                        |                                |                                        |                                 |                                |                                        |                                 | 85                                    |
| 90                                    | 66.5                           | 345.1                                  | 17,600 *                        |                                |                                        |                                 |                                |                                        |                                 | 90                                    |
| 95                                    | 64.9                           | 342.8                                  | 17,200 *                        | 69.5                           | 347.8                                  | 18,000 *                        |                                |                                        |                                 | 95                                    |
| 100                                   | 63.2                           | 340.2                                  | 16,600 *                        | 67.9                           | 345.8                                  | 17,700 *                        |                                |                                        |                                 | 100                                   |
| 105                                   | 61.5                           | 337.5                                  | 15,900 *                        | 66.2                           | 343.5                                  | 17,500 *                        |                                |                                        |                                 | 105                                   |
| 110                                   | 59.7                           | 334.6                                  | 15,300 *                        | 64.6                           | 341.1                                  | 17,200 *                        |                                |                                        |                                 | 110                                   |
| 115                                   | 58.0                           | 331.4                                  | 14,800 *                        | 62.9                           | 338.6                                  | 16,700 *                        |                                |                                        |                                 | 115                                   |
| 120                                   | 56.2                           | 328.1                                  | 14,300 *                        | 61.2                           | 335.8                                  | 16,100 *                        |                                |                                        |                                 | 120                                   |
| 125                                   | 54.3                           | 324.5                                  | 13,800 *                        | 59.4                           | 332.8                                  | 15,500 *                        |                                |                                        |                                 | 125                                   |
| 130                                   | 52.4                           | 320.6                                  | 13,400 *                        | 57.7                           | 329.7                                  | 14,900 *                        |                                |                                        |                                 | 130                                   |
| 135                                   | 50.5                           | 316.5                                  | 12,900 *                        | 55.8                           | 326.3                                  | 14,400 *                        |                                |                                        |                                 | 135                                   |
| 140                                   | 48.5                           | 312.1                                  | 12,500 *                        | 54.0                           | 322.6                                  | 13,900 *                        |                                |                                        |                                 | 140                                   |
| 145                                   | 46.4                           | 307.3                                  | 12,200 *                        | 52.1                           | 318.7                                  | 13,500 *                        |                                |                                        |                                 | 145                                   |
| 150                                   | 44.2                           | 302.2                                  | 11,800 *                        | 50.1                           | 314.5                                  | 13,100 *                        |                                |                                        |                                 | 150                                   |
| 155                                   | 42.0                           | 296.7                                  | 11,500 *                        | 48.1                           | 310.0                                  | 12,700 *                        |                                |                                        |                                 | 155                                   |
| 160                                   | 39.7                           | 290.7                                  | 11,200 *                        | 46.0                           | 305.2                                  | 12,300 *                        |                                |                                        |                                 | 160                                   |
| 165                                   | 37.2                           | 284.1                                  | 10,900 *                        | 43.9                           | 300.0                                  | 11,900 *                        | 57.9                           | 321.3                                  | 10,600                          | 165                                   |
| 170                                   | 34.6                           | 277.0                                  | 10,600 *                        | 41.6                           | 294.4                                  | 11,600 *                        | 56.1                           | 317.9                                  | 10,100                          | 170                                   |
| 175                                   | 31.8                           | 269.0                                  | 10,400 *                        | 39.2                           | 288.3                                  | 11,300 *                        | 54.2                           | 314.3                                  | 9,600                           | 175                                   |
| 180                                   | 28.7                           | 260.1                                  | 10,100 *                        | 36.7                           | 281.7                                  | 11,000 *                        | 52.3                           | 310.5                                  | 9,100                           | 180                                   |
| 185                                   | 25.3                           | 249.8                                  | 9,900 *                         | 34.1                           | 274.4                                  | 10,700 *                        | 50.4                           | 306.3                                  | 8,700                           | 185                                   |
| 190                                   | 21.3                           | 237.6                                  | 9,700 *                         | 31.2                           | 266.3                                  | 10,500 *                        | 48.4                           | 301.9                                  | 8,300                           | 190                                   |
| 195                                   | 16.4                           | 222.1                                  | 9,500 *                         | 28.1                           | 257.2                                  | 10,200 *                        | 46.3                           | 297.1                                  | 7,900                           | 195                                   |
| 200                                   | 9.0                            | 197.9                                  | 8,400 *                         | 24.6                           | 246.6                                  | 10,000 *                        | 44.2                           | 292.0                                  | 7,500                           | 200                                   |
| 205                                   |                                |                                        |                                 | 20.5                           | 234.0                                  | 9,800 *                         | 41.9                           | 286.4                                  | 7,100                           | 205                                   |
| 210                                   |                                |                                        |                                 | 15.4                           | 217.6                                  | 9,600 *                         | 39.6                           | 280.4                                  | 6,800                           | 210                                   |
| 220                                   |                                |                                        |                                 |                                |                                        |                                 | 34.5                           | 266.7                                  | 6,200                           | 220                                   |
| 230                                   |                                |                                        |                                 |                                |                                        |                                 | 28.6                           | 249.7                                  | 5,600                           | 230                                   |
| 240                                   |                                |                                        |                                 |                                |                                        |                                 | 21.1                           | 227.1                                  | 5,000                           | 240                                   |
| 250                                   |                                |                                        |                                 |                                |                                        |                                 | 8.6                            | 186.6                                  | 4,500                           | 250                                   |

# Liftcrane Fixed Jib Capacities

**777T**

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
Luffing Jib No. 139 On Boom No. 78T With Heavy Lift Top  
95,400 Lb. Crane Counterweight  
25,000 Lb. Front Bumper Counterweight  
360 Degree Rating On Fully Extended Outriggers

Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 160 Ft. Boom, 150 Ft. Luffing Jib, 50 Ft. Fixed Jib

| Fixed Jib<br>Oper.<br>Rad.<br>Feet | 88 Degree<br>Boom Angle        |                                        |                                 | 83 Degree<br>Boom Angle        |                                        |                                 | 70 Degree<br>Boom Angle        |                                        |                                 | Fixed Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|------------------------------------|
|                                    | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds |                                    |
| 65                                 | 75.3                           | 364.9                                  | 18,200 *                        |                                |                                        |                                 |                                |                                        |                                 | 65                                 |
| 70                                 | 73.9                           | 363.4                                  | 18,000 *                        |                                |                                        |                                 |                                |                                        |                                 | 70                                 |
| 75                                 | 72.4                           | 361.8                                  | 17,800 *                        |                                |                                        |                                 |                                |                                        |                                 | 75                                 |
| 80                                 | 70.8                           | 360.0                                  | 17,500 *                        |                                |                                        |                                 |                                |                                        |                                 | 80                                 |
| 85                                 | 69.3                           | 358.1                                  | 17,300 *                        |                                |                                        |                                 |                                |                                        |                                 | 85                                 |
| 90                                 | 67.8                           | 356.1                                  | 17,000 *                        |                                |                                        |                                 |                                |                                        |                                 | 90                                 |
| 95                                 | 66.2                           | 353.9                                  | 16,700 *                        | 70.6                           | 358.5                                  | 16,900 *                        |                                |                                        |                                 | 95                                 |
| 100                                | 64.6                           | 351.5                                  | 16,200 *                        | 69.0                           | 356.6                                  | 16,700 *                        |                                |                                        |                                 | 100                                |
| 105                                | 63.0                           | 348.9                                  | 15,600 *                        | 67.5                           | 354.5                                  | 16,500 *                        |                                |                                        |                                 | 105                                |
| 110                                | 61.4                           | 346.2                                  | 15,000 *                        | 65.9                           | 352.2                                  | 16,300 *                        |                                |                                        |                                 | 110                                |
| 115                                | 59.8                           | 343.2                                  | 14,500 *                        | 64.4                           | 349.8                                  | 16,100 *                        |                                |                                        |                                 | 115                                |
| 120                                | 58.1                           | 340.1                                  | 14,000 *                        | 62.7                           | 347.2                                  | 15,800 *                        |                                |                                        |                                 | 120                                |
| 125                                | 56.4                           | 336.8                                  | 13,500 *                        | 61.1                           | 344.5                                  | 15,200 *                        |                                |                                        |                                 | 125                                |
| 130                                | 54.6                           | 333.2                                  | 13,100 *                        | 59.5                           | 341.5                                  | 14,700 *                        |                                |                                        |                                 | 130                                |
| 135                                | 52.8                           | 329.4                                  | 12,700 *                        | 57.8                           | 338.3                                  | 14,200 *                        |                                |                                        |                                 | 135                                |
| 140                                | 51.0                           | 325.3                                  | 12,300 *                        | 56.0                           | 335.0                                  | 13,700 *                        |                                |                                        |                                 | 140                                |
| 145                                | 49.1                           | 321.0                                  | 12,000 *                        | 54.3                           | 331.4                                  | 13,200 *                        |                                |                                        |                                 | 145                                |
| 150                                | 47.1                           | 316.4                                  | 11,600 *                        | 52.5                           | 327.5                                  | 12,800 *                        |                                |                                        |                                 | 150                                |
| 155                                | 45.1                           | 311.4                                  | 11,300 *                        | 50.6                           | 323.4                                  | 12,400 *                        |                                |                                        |                                 | 155                                |
| 160                                | 43.1                           | 306.1                                  | 11,000 *                        | 48.8                           | 319.0                                  | 12,100 *                        |                                |                                        |                                 | 160                                |
| 165                                | 40.9                           | 300.3                                  | 10,700 *                        | 46.8                           | 314.3                                  | 11,700 *                        |                                |                                        |                                 | 165                                |
| 170                                | 38.6                           | 294.1                                  | 10,500 *                        | 44.8                           | 309.3                                  | 11,400 *                        | 58.0                           | 330.0                                  | 9,900                           | 170                                |
| 175                                | 36.2                           | 287.3                                  | 10,200 *                        | 42.7                           | 303.9                                  | 11,100 *                        | 56.3                           | 326.6                                  | 9,400                           | 175                                |
| 180                                | 33.7                           | 279.9                                  | 10,000 *                        | 40.5                           | 298.1                                  | 10,800 *                        | 54.5                           | 323.1                                  | 9,000                           | 180                                |
| 185                                | 30.9                           | 271.7                                  | 9,700 *                         | 38.2                           | 291.8                                  | 10,500 *                        | 52.7                           | 319.3                                  | 8,500                           | 185                                |
| 190                                | 27.9                           | 262.5                                  | 9,500 *                         | 35.8                           | 284.9                                  | 10,300 *                        | 50.9                           | 315.2                                  | 8,100                           | 190                                |
| 195                                | 24.6                           | 251.9                                  | 9,300 *                         | 33.2                           | 277.3                                  | 10,100 *                        | 49.0                           | 310.8                                  | 7,700                           | 195                                |
| 200                                | 20.7                           | 239.4                                  | 9,200 *                         | 30.4                           | 269.0                                  | 9,800 *                         | 47.1                           | 306.2                                  | 7,400                           | 200                                |
| 205                                | 16.0                           | 223.4                                  | 8,800 *                         | 27.4                           | 259.5                                  | 9,600 *                         | 45.1                           | 301.2                                  | 7,000                           | 205                                |
| 210                                | 8.7                            | 198.6                                  | 7,300 *                         | 23.9                           | 248.7                                  | 9,400 *                         | 43.0                           | 295.9                                  | 6,700                           | 210                                |
| 220                                |                                |                                        |                                 | 15.0                           | 218.8                                  | 8,700 *                         | 38.5                           | 283.9                                  | 6,000                           | 220                                |
| 230                                |                                |                                        |                                 |                                |                                        |                                 | 33.6                           | 269.6                                  | 5,500                           | 230                                |
| 240                                |                                |                                        |                                 |                                |                                        |                                 | 27.8                           | 252.1                                  | 4,900                           | 240                                |
| 250                                |                                |                                        |                                 |                                |                                        |                                 | 20.6                           | 228.9                                  | 4,400                           | 250                                |

# Liftcrane Fixed Jib Capacities

**777T**

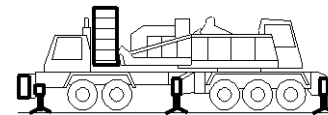
Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
Luffing Jib No. 139 On Boom No. 78T With Heavy Lift Top

95,400 Lb. Crane Counterweight

25,000 Lb. Front Bumper Counterweight

360 Degree Rating On Fully Extended Outriggers

Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 160 Ft. Boom, 160 Ft. Luffing Jib, 50 Ft. Fixed Jib

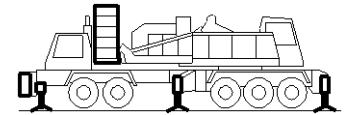
| Fixed Jib<br>Oper.<br>Rad.<br>Feet | 88 Degree<br>Boom Angle        |                                        |                                 | 83 Degree<br>Boom Angle        |                                        |                                 | 70 Degree<br>Boom Angle        |                                        |                                 | Fixed Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|------------------------------------|
|                                    | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds |                                    |
| 70                                 | 74.6                           | 373.8                                  | 16,700 *                        |                                |                                        |                                 |                                |                                        |                                 | 70                                 |
| 75                                 | 73.2                           | 372.3                                  | 16,500 *                        |                                |                                        |                                 |                                |                                        |                                 | 75                                 |
| 80                                 | 71.8                           | 370.7                                  | 16,300 *                        |                                |                                        |                                 |                                |                                        |                                 | 80                                 |
| 85                                 | 70.3                           | 368.9                                  | 16,100 *                        |                                |                                        |                                 |                                |                                        |                                 | 85                                 |
| 90                                 | 68.9                           | 366.9                                  | 15,800 *                        |                                |                                        |                                 |                                |                                        |                                 | 90                                 |
| 95                                 | 67.4                           | 364.8                                  | 15,600 *                        |                                |                                        |                                 |                                |                                        |                                 | 95                                 |
| 100                                | 65.9                           | 362.6                                  | 15,400 *                        | 70.1                           | 367.3                                  | 15,500 *                        |                                |                                        |                                 | 100                                |
| 105                                | 64.4                           | 360.1                                  | 15,300 *                        | 68.6                           | 365.3                                  | 15,300 *                        |                                |                                        |                                 | 105                                |
| 110                                | 62.9                           | 357.6                                  | 14,700 *                        | 67.2                           | 363.2                                  | 15,200 *                        |                                |                                        |                                 | 110                                |
| 115                                | 61.3                           | 354.8                                  | 14,200 *                        | 65.7                           | 360.9                                  | 15,100 *                        |                                |                                        |                                 | 115                                |
| 120                                | 59.8                           | 351.9                                  | 13,700 *                        | 64.1                           | 358.5                                  | 14,900 *                        |                                |                                        |                                 | 120                                |
| 125                                | 58.2                           | 348.8                                  | 13,300 *                        | 62.6                           | 355.9                                  | 14,700 *                        |                                |                                        |                                 | 125                                |
| 130                                | 56.5                           | 345.5                                  | 12,900 *                        | 61.1                           | 353.1                                  | 14,400 *                        |                                |                                        |                                 | 130                                |
| 135                                | 54.9                           | 341.9                                  | 12,500 *                        | 59.5                           | 350.2                                  | 13,900 *                        |                                |                                        |                                 | 135                                |
| 140                                | 53.2                           | 338.2                                  | 12,100 *                        | 57.9                           | 347.0                                  | 13,400 *                        |                                |                                        |                                 | 140                                |
| 145                                | 51.4                           | 334.2                                  | 11,800 *                        | 56.2                           | 343.7                                  | 13,000 *                        |                                |                                        |                                 | 145                                |
| 150                                | 49.7                           | 329.9                                  | 11,400 *                        | 54.6                           | 340.1                                  | 12,600 *                        |                                |                                        |                                 | 150                                |
| 155                                | 47.8                           | 325.4                                  | 11,100 *                        | 52.9                           | 336.3                                  | 12,200 *                        |                                |                                        |                                 | 155                                |
| 160                                | 45.9                           | 320.6                                  | 10,900 *                        | 51.1                           | 332.3                                  | 11,900 *                        |                                |                                        |                                 | 160                                |
| 165                                | 44.0                           | 315.4                                  | 10,600 *                        | 49.3                           | 328.0                                  | 11,500 *                        |                                |                                        |                                 | 165                                |
| 170                                | 41.9                           | 309.9                                  | 10,300 *                        | 47.5                           | 323.4                                  | 11,200 *                        |                                |                                        |                                 | 170                                |
| 175                                | 39.8                           | 303.9                                  | 10,100 *                        | 45.6                           | 318.5                                  | 10,900 *                        |                                |                                        |                                 | 175                                |
| 180                                | 37.6                           | 297.5                                  | 9,800 *                         | 43.6                           | 313.3                                  | 10,700 *                        | 56.5                           | 335.3                                  | 8,600                           | 180                                |
| 185                                | 35.3                           | 290.5                                  | 9,600 *                         | 41.6                           | 307.7                                  | 10,400 *                        | 54.8                           | 331.8                                  | 8,100                           | 185                                |
| 190                                | 32.8                           | 282.8                                  | 9,400 *                         | 39.5                           | 301.6                                  | 10,200 *                        | 53.1                           | 328.0                                  | 7,700                           | 190                                |
| 195                                | 30.1                           | 274.4                                  | 9,200 *                         | 37.2                           | 295.1                                  | 9,900 *                         | 51.4                           | 324.0                                  | 7,300                           | 195                                |
| 200                                | 27.2                           | 264.9                                  | 9,000 *                         | 34.9                           | 288.0                                  | 9,700 *                         | 49.6                           | 319.8                                  | 7,000                           | 200                                |
| 205                                | 24.0                           | 254.0                                  | 8,700 *                         | 32.3                           | 280.2                                  | 9,500 *                         | 47.8                           | 315.2                                  | 6,600                           | 205                                |
| 210                                | 20.2                           | 241.1                                  | 8,100 *                         | 29.6                           | 271.6                                  | 9,200 *                         | 45.9                           | 310.4                                  | 6,300                           | 210                                |
| 220                                | 8.5                            | 199.3                                  | 6,200 *                         | 23.3                           | 250.7                                  | 8,300 *                         | 41.9                           | 299.7                                  | 5,700                           | 220                                |
| 230                                |                                |                                        |                                 | 14.6                           | 220.0                                  | 7,500 *                         | 37.5                           | 287.2                                  | 5,100                           | 230                                |
| 240                                |                                |                                        |                                 |                                |                                        |                                 | 32.7                           | 272.5                                  | 4,600                           | 240                                |
| 250                                |                                |                                        |                                 |                                |                                        |                                 | 27.1                           | 254.5                                  | 4,100                           | 250                                |

# Liftcrane Fixed Jib Capacities

**777T**

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
Luffing Jib No. 139 On Boom No. 78T With Heavy Lift Top  
95,400 Lb. Crane Counterweight  
25,000 Lb. Front Bumper Counterweight  
360 Degree Rating On Fully Extended Outriggers

Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 160 Ft. Boom, 170 Ft. Luffing Jib, 50 Ft. Fixed Jib

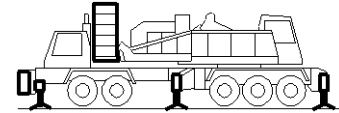
| Fixed Jib<br>Oper.<br>Rad.<br>Feet | 88 Degree<br>Boom Angle        |                                        |                                 | 83 Degree<br>Boom Angle        |                                        |                                 | 70 Degree<br>Boom Angle        |                                        |                                 | Fixed Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|------------------------------------|
|                                    | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds |                                    |
| 70                                 | 75.4                           | 384.2                                  | 15,500 *                        |                                |                                        |                                 |                                |                                        |                                 | 70                                 |
| 75                                 | 74.0                           | 382.8                                  | 15,300 *                        |                                |                                        |                                 |                                |                                        |                                 | 75                                 |
| 80                                 | 72.6                           | 381.2                                  | 15,100 *                        |                                |                                        |                                 |                                |                                        |                                 | 80                                 |
| 85                                 | 71.3                           | 379.5                                  | 14,800 *                        |                                |                                        |                                 |                                |                                        |                                 | 85                                 |
| 90                                 | 69.9                           | 377.6                                  | 14,600 *                        |                                |                                        |                                 |                                |                                        |                                 | 90                                 |
| 95                                 | 68.5                           | 375.7                                  | 14,500 *                        |                                |                                        |                                 |                                |                                        |                                 | 95                                 |
| 100                                | 67.1                           | 373.5                                  | 14,300 *                        |                                |                                        |                                 |                                |                                        |                                 | 100                                |
| 105                                | 65.7                           | 371.3                                  | 14,100 *                        | 69.6                           | 376.1                                  | 14,100 *                        |                                |                                        |                                 | 105                                |
| 110                                | 64.2                           | 368.8                                  | 13,900 *                        | 68.2                           | 374.1                                  | 14,000 *                        |                                |                                        |                                 | 110                                |
| 115                                | 62.8                           | 366.2                                  | 13,800 *                        | 66.8                           | 371.9                                  | 13,800 *                        |                                |                                        |                                 | 115                                |
| 120                                | 61.3                           | 363.5                                  | 13,400 *                        | 65.4                           | 369.6                                  | 13,700 *                        |                                |                                        |                                 | 120                                |
| 125                                | 59.8                           | 360.6                                  | 13,000 *                        | 64.0                           | 367.2                                  | 13,600 *                        |                                |                                        |                                 | 125                                |
| 130                                | 58.2                           | 357.5                                  | 12,600 *                        | 62.5                           | 364.6                                  | 13,400 *                        |                                |                                        |                                 | 130                                |
| 135                                | 56.7                           | 354.2                                  | 12,200 *                        | 61.0                           | 361.8                                  | 13,300 *                        |                                |                                        |                                 | 135                                |
| 140                                | 55.1                           | 350.7                                  | 11,900 *                        | 59.5                           | 358.8                                  | 13,100 *                        |                                |                                        |                                 | 140                                |
| 145                                | 53.5                           | 347.0                                  | 11,500 *                        | 58.0                           | 355.7                                  | 12,700 *                        |                                |                                        |                                 | 145                                |
| 150                                | 51.8                           | 343.0                                  | 11,200 *                        | 56.4                           | 352.4                                  | 12,300 *                        |                                |                                        |                                 | 150                                |
| 155                                | 50.2                           | 338.8                                  | 10,900 *                        | 54.8                           | 348.8                                  | 12,000 *                        |                                |                                        |                                 | 155                                |
| 160                                | 48.4                           | 334.4                                  | 10,600 *                        | 53.2                           | 345.1                                  | 11,600 *                        |                                |                                        |                                 | 160                                |
| 165                                | 46.6                           | 329.7                                  | 10,400 *                        | 51.6                           | 341.1                                  | 11,300 *                        |                                |                                        |                                 | 165                                |
| 170                                | 44.8                           | 324.7                                  | 10,100 *                        | 49.9                           | 336.9                                  | 11,000 *                        |                                |                                        |                                 | 170                                |
| 175                                | 42.9                           | 319.3                                  | 9,900 *                         | 48.1                           | 332.4                                  | 10,700 *                        |                                |                                        |                                 | 175                                |
| 180                                | 40.9                           | 313.6                                  | 9,600 *                         | 46.3                           | 327.6                                  | 10,400 *                        |                                |                                        |                                 | 180                                |
| 185                                | 38.9                           | 307.4                                  | 9,400 *                         | 44.5                           | 322.6                                  | 10,200 *                        | 56.6                           | 344.0                                  | 7,800                           | 185                                |
| 190                                | 36.7                           | 300.8                                  | 9,200 *                         | 42.6                           | 317.1                                  | 9,900 *                         | 55.1                           | 340.5                                  | 7,400                           | 190                                |
| 195                                | 34.4                           | 293.5                                  | 9,000 *                         | 40.6                           | 311.3                                  | 9,700 *                         | 53.4                           | 336.8                                  | 7,000                           | 195                                |
| 200                                | 32.0                           | 285.6                                  | 8,900 *                         | 38.5                           | 305.1                                  | 9,500 *                         | 51.8                           | 332.9                                  | 6,700                           | 200                                |
| 205                                | 29.4                           | 276.9                                  | 8,400 *                         | 36.3                           | 298.3                                  | 9,200 *                         | 50.1                           | 328.7                                  | 6,300                           | 205                                |
| 210                                | 26.6                           | 267.2                                  | 7,900 *                         | 34.0                           | 291.0                                  | 8,800 *                         | 48.4                           | 324.2                                  | 6,000                           | 210                                |
| 220                                | 19.7                           | 242.8                                  | 7,000 *                         | 28.9                           | 274.1                                  | 7,900 *                         | 44.7                           | 314.5                                  | 5,400                           | 220                                |
| 230                                | 8.3                            | 199.9                                  | 5,200 *                         | 22.8                           | 252.6                                  | 7,200 *                         | 40.9                           | 303.3                                  | 4,800                           | 230                                |
| 240                                |                                |                                        |                                 | 14.2                           | 221.2                                  | 6,500 *                         | 36.6                           | 290.5                                  | 4,300                           | 240                                |

# Liftcrane Fixed Jib Capacities

**777T**

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
Luffing Jib No. 139 On Boom No. 78T With Heavy Lift Top  
95,400 Lb. Crane Counterweight  
25,000 Lb. Front Bumper Counterweight  
360 Degree Rating On Fully Extended Outriggers

Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 160 Ft. Boom, 140 Ft. Luffing Jib, 60 Ft. Fixed Jib

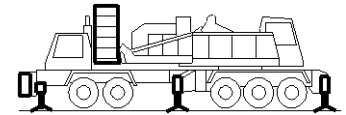
| Fixed Jib<br>Oper.<br>Rad.<br>Feet | 88 Degree<br>Boom Angle        |                                        |                                 | 83 Degree<br>Boom Angle        |                                        |                                 | 70 Degree<br>Boom Angle        |                                        |                                 | Fixed Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|------------------------------------|
|                                    | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds |                                    |
| 65                                 | 75.1                           | 364.9                                  | 15,400 *                        |                                |                                        |                                 |                                |                                        |                                 | 65                                 |
| 70                                 | 73.7                           | 363.5                                  | 15,100 *                        |                                |                                        |                                 |                                |                                        |                                 | 70                                 |
| 75                                 | 72.2                           | 361.8                                  | 14,900 *                        |                                |                                        |                                 |                                |                                        |                                 | 75                                 |
| 80                                 | 70.6                           | 360.1                                  | 14,600 *                        |                                |                                        |                                 |                                |                                        |                                 | 80                                 |
| 85                                 | 69.1                           | 358.2                                  | 14,300 *                        |                                |                                        |                                 |                                |                                        |                                 | 85                                 |
| 90                                 | 67.6                           | 356.1                                  | 14,000 *                        |                                |                                        |                                 |                                |                                        |                                 | 90                                 |
| 95                                 | 66.0                           | 353.9                                  | 13,700 *                        | 70.4                           | 358.6                                  | 14,100 *                        |                                |                                        |                                 | 95                                 |
| 100                                | 64.4                           | 351.5                                  | 13,500 *                        | 68.9                           | 356.6                                  | 13,900 *                        |                                |                                        |                                 | 100                                |
| 105                                | 62.8                           | 349.0                                  | 13,200 *                        | 67.3                           | 354.5                                  | 13,700 *                        |                                |                                        |                                 | 105                                |
| 110                                | 61.2                           | 346.2                                  | 13,000 *                        | 65.7                           | 352.3                                  | 13,500 *                        |                                |                                        |                                 | 110                                |
| 115                                | 59.6                           | 343.3                                  | 12,700 *                        | 64.2                           | 349.9                                  | 13,200 *                        |                                |                                        |                                 | 115                                |
| 120                                | 57.9                           | 340.2                                  | 12,500 *                        | 62.6                           | 347.3                                  | 13,000 *                        |                                |                                        |                                 | 120                                |
| 125                                | 56.2                           | 336.8                                  | 12,300 *                        | 60.9                           | 344.5                                  | 12,800 *                        |                                |                                        |                                 | 125                                |
| 130                                | 54.4                           | 333.3                                  | 12,100 *                        | 59.3                           | 341.5                                  | 12,600 *                        |                                |                                        |                                 | 130                                |
| 135                                | 52.6                           | 329.5                                  | 11,700 *                        | 57.6                           | 338.4                                  | 12,400 *                        |                                |                                        |                                 | 135                                |
| 140                                | 50.8                           | 325.4                                  | 11,300 *                        | 55.9                           | 335.0                                  | 12,200 *                        |                                |                                        |                                 | 140                                |
| 145                                | 48.9                           | 321.1                                  | 10,900 *                        | 54.1                           | 331.4                                  | 12,000 *                        |                                |                                        |                                 | 145                                |
| 150                                | 47.0                           | 316.4                                  | 10,600 *                        | 52.3                           | 327.6                                  | 11,800 *                        |                                |                                        |                                 | 150                                |
| 155                                | 45.0                           | 311.5                                  | 10,300 *                        | 50.5                           | 323.5                                  | 11,400 *                        |                                |                                        |                                 | 155                                |
| 160                                | 42.9                           | 306.1                                  | 10,000 *                        | 48.6                           | 319.1                                  | 11,000 *                        |                                |                                        |                                 | 160                                |
| 165                                | 40.7                           | 300.4                                  | 9,700 *                         | 46.6                           | 314.4                                  | 10,700 *                        |                                |                                        |                                 | 165                                |
| 170                                | 38.4                           | 294.2                                  | 9,500 *                         | 44.6                           | 309.4                                  | 10,400 *                        | 57.8                           | 330.0                                  | 10,100                          | 170                                |
| 175                                | 36.0                           | 287.4                                  | 9,200 *                         | 42.5                           | 304.0                                  | 10,100 *                        | 56.1                           | 326.7                                  | 9,600                           | 175                                |
| 180                                | 33.5                           | 280.0                                  | 9,000 *                         | 40.3                           | 298.1                                  | 9,800 *                         | 54.4                           | 323.1                                  | 9,100                           | 180                                |
| 185                                | 30.7                           | 271.8                                  | 8,800 *                         | 38.0                           | 291.8                                  | 9,500 *                         | 52.6                           | 319.3                                  | 8,700                           | 185                                |
| 190                                | 27.7                           | 262.6                                  | 8,600 *                         | 35.6                           | 285.0                                  | 9,300 *                         | 50.7                           | 315.2                                  | 8,300                           | 190                                |
| 195                                | 24.4                           | 252.0                                  | 8,400 *                         | 33.0                           | 277.4                                  | 9,100 *                         | 48.8                           | 310.9                                  | 7,900                           | 195                                |
| 200                                | 20.6                           | 239.5                                  | 8,200 *                         | 30.2                           | 269.1                                  | 8,800 *                         | 46.9                           | 306.3                                  | 7,500                           | 200                                |
| 205                                | 15.8                           | 223.6                                  | 8,000 *                         | 27.2                           | 259.6                                  | 8,600 *                         | 44.9                           | 301.3                                  | 7,200                           | 205                                |
| 210                                | 8.6                            | 198.9                                  | 7,600 *                         | 23.8                           | 248.8                                  | 8,400 *                         | 42.8                           | 295.9                                  | 6,800                           | 210                                |
| 220                                |                                |                                        |                                 | 14.8                           | 219.0                                  | 8,100 *                         | 38.3                           | 283.9                                  | 6,200                           | 220                                |
| 230                                |                                |                                        |                                 |                                |                                        |                                 | 33.4                           | 269.7                                  | 5,600                           | 230                                |
| 240                                |                                |                                        |                                 |                                |                                        |                                 | 27.6                           | 252.2                                  | 5,100                           | 240                                |
| 250                                |                                |                                        |                                 |                                |                                        |                                 | 20.4                           | 229.0                                  | 4,600                           | 250                                |
| 260                                |                                |                                        |                                 |                                |                                        |                                 | 8.2                            | 187.6                                  | 4,100                           | 260                                |

# Liftcrane Fixed Jib Capacities

**777T**

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
 Luffing Jib No. 139 On Boom No. 78T With Heavy Lift Top  
 95,400 Lb. Crane Counterweight  
 25,000 Lb. Front Bumper Counterweight  
 360 Degree Rating On Fully Extended Outriggers

Designed And Tested  
 With The Intent To  
 Be In The Scope of  
 ANSI B30.5



## 160 Ft. Boom, 150 Ft. Luffing Jib, 60 Ft. Fixed Jib

| Fixed Jib<br>Oper.<br>Rad.<br>Feet | 88 Degree<br>Boom Angle        |                                        |                                 | 83 Degree<br>Boom Angle        |                                        |                                 | 70 Degree<br>Boom Angle        |                                        |                                 | Fixed Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|------------------------------------|
|                                    | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds |                                    |
| 65                                 | 75.9                           | 375.3                                  | 14,800 *                        |                                |                                        |                                 |                                |                                        |                                 | 65                                 |
| 70                                 | 74.5                           | 373.9                                  | 14,500 *                        |                                |                                        |                                 |                                |                                        |                                 | 70                                 |
| 75                                 | 73.0                           | 372.4                                  | 14,300 *                        |                                |                                        |                                 |                                |                                        |                                 | 75                                 |
| 80                                 | 71.6                           | 370.7                                  | 14,000 *                        |                                |                                        |                                 |                                |                                        |                                 | 80                                 |
| 85                                 | 70.2                           | 368.9                                  | 13,800 *                        |                                |                                        |                                 |                                |                                        |                                 | 85                                 |
| 90                                 | 68.7                           | 366.9                                  | 13,500 *                        |                                |                                        |                                 |                                |                                        |                                 | 90                                 |
| 95                                 | 67.2                           | 364.9                                  | 13,300 *                        |                                |                                        |                                 |                                |                                        |                                 | 95                                 |
| 100                                | 65.7                           | 362.6                                  | 13,000 *                        | 69.9                           | 367.4                                  | 13,400 *                        |                                |                                        |                                 | 100                                |
| 105                                | 64.2                           | 360.2                                  | 12,800 *                        | 68.4                           | 365.4                                  | 13,200 *                        |                                |                                        |                                 | 105                                |
| 110                                | 62.7                           | 357.6                                  | 12,600 *                        | 67.0                           | 363.3                                  | 12,900 *                        |                                |                                        |                                 | 110                                |
| 115                                | 61.2                           | 354.9                                  | 12,400 *                        | 65.5                           | 361.0                                  | 12,800 *                        |                                |                                        |                                 | 115                                |
| 120                                | 59.6                           | 351.9                                  | 12,200 *                        | 64.0                           | 358.6                                  | 12,600 *                        |                                |                                        |                                 | 120                                |
| 125                                | 58.0                           | 348.8                                  | 12,000 *                        | 62.4                           | 355.9                                  | 12,400 *                        |                                |                                        |                                 | 125                                |
| 130                                | 56.4                           | 345.5                                  | 11,800 *                        | 60.9                           | 353.2                                  | 12,200 *                        |                                |                                        |                                 | 130                                |
| 135                                | 54.7                           | 342.0                                  | 11,500 *                        | 59.3                           | 350.2                                  | 12,000 *                        |                                |                                        |                                 | 135                                |
| 140                                | 53.0                           | 338.2                                  | 11,100 *                        | 57.7                           | 347.1                                  | 11,800 *                        |                                |                                        |                                 | 140                                |
| 145                                | 51.3                           | 334.3                                  | 10,800 *                        | 56.1                           | 343.7                                  | 11,700 *                        |                                |                                        |                                 | 145                                |
| 150                                | 49.5                           | 330.0                                  | 10,400 *                        | 54.4                           | 340.1                                  | 11,500 *                        |                                |                                        |                                 | 150                                |
| 155                                | 47.6                           | 325.5                                  | 10,100 *                        | 52.7                           | 336.4                                  | 11,200 *                        |                                |                                        |                                 | 155                                |
| 160                                | 45.8                           | 320.6                                  | 9,800 *                         | 50.9                           | 332.3                                  | 10,900 *                        |                                |                                        |                                 | 160                                |
| 165                                | 43.8                           | 315.5                                  | 9,600 *                         | 49.2                           | 328.0                                  | 10,500 *                        |                                |                                        |                                 | 165                                |
| 170                                | 41.8                           | 309.9                                  | 9,300 *                         | 47.3                           | 323.4                                  | 10,200 *                        |                                |                                        |                                 | 170                                |
| 175                                | 39.7                           | 304.0                                  | 9,100 *                         | 45.4                           | 318.6                                  | 9,900 *                         | 57.9                           | 338.7                                  | 9,400                           | 175                                |
| 180                                | 37.4                           | 297.5                                  | 8,800 *                         | 43.4                           | 313.3                                  | 9,700 *                         | 56.3                           | 335.4                                  | 9,000                           | 180                                |
| 185                                | 35.1                           | 290.6                                  | 8,600 *                         | 41.4                           | 307.7                                  | 9,400 *                         | 54.6                           | 331.8                                  | 8,500                           | 185                                |
| 190                                | 32.6                           | 282.9                                  | 8,400 *                         | 39.3                           | 301.7                                  | 9,100 *                         | 52.9                           | 328.1                                  | 8,100                           | 190                                |
| 195                                | 30.0                           | 274.4                                  | 8,200 *                         | 37.0                           | 295.2                                  | 8,900 *                         | 51.2                           | 324.1                                  | 7,700                           | 195                                |
| 200                                | 27.0                           | 265.0                                  | 8,100 *                         | 34.7                           | 288.1                                  | 8,700 *                         | 49.4                           | 319.8                                  | 7,400                           | 200                                |
| 205                                | 23.8                           | 254.1                                  | 7,900 *                         | 32.2                           | 280.3                                  | 8,500 *                         | 47.6                           | 315.3                                  | 7,000                           | 205                                |
| 210                                | 20.0                           | 241.2                                  | 7,700 *                         | 29.5                           | 271.7                                  | 8,300 *                         | 45.7                           | 310.5                                  | 6,700                           | 210                                |
| 220                                | 8.4                            | 199.6                                  | 6,700 *                         | 23.2                           | 250.8                                  | 7,900 *                         | 41.7                           | 299.7                                  | 6,100                           | 220                                |
| 230                                |                                |                                        |                                 | 14.4                           | 220.2                                  | 7,600 *                         | 37.4                           | 287.3                                  | 5,500                           | 230                                |
| 240                                |                                |                                        |                                 |                                |                                        |                                 | 32.5                           | 272.6                                  | 5,000                           | 240                                |
| 250                                |                                |                                        |                                 |                                |                                        |                                 | 26.9                           | 254.6                                  | 4,500                           | 250                                |
| 260                                |                                |                                        |                                 |                                |                                        |                                 | 19.9                           | 230.7                                  | 4,000                           | 260                                |

# Liftcrane Fixed Jib Capacities

**777T**

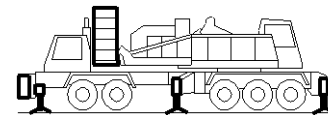
Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
Luffing Jib No. 139 On Boom No. 78T With Heavy Lift Top

95,400 Lb. Crane Counterweight

25,000 Lb. Front Bumper Counterweight

360 Degree Rating On Fully Extended Outriggers

Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 160 Ft. Boom, 160 Ft. Luffing Jib, 60 Ft. Fixed Jib

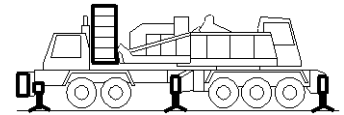
| Fixed<br>Jib<br>Oper.<br>Rad.<br>Feet | 88 Degree<br>Boom Angle        |                                        |                                 | 83 Degree<br>Boom Angle        |                                        |                                 | 70 Degree<br>Boom Angle        |                                        |                                 | Fixed<br>Jib<br>Oper.<br>Rad.<br>Feet |
|---------------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|---------------------------------------|
|                                       | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds |                                       |
| 70                                    | 75.2                           | 384.3                                  | 13,800 *                        |                                |                                        |                                 |                                |                                        |                                 | 70                                    |
| 75                                    | 73.8                           | 382.8                                  | 13,600 *                        |                                |                                        |                                 |                                |                                        |                                 | 75                                    |
| 80                                    | 72.5                           | 381.3                                  | 13,400 *                        |                                |                                        |                                 |                                |                                        |                                 | 80                                    |
| 85                                    | 71.1                           | 379.5                                  | 13,200 *                        |                                |                                        |                                 |                                |                                        |                                 | 85                                    |
| 90                                    | 69.7                           | 377.7                                  | 12,900 *                        |                                |                                        |                                 |                                |                                        |                                 | 90                                    |
| 95                                    | 68.3                           | 375.7                                  | 12,700 *                        |                                |                                        |                                 |                                |                                        |                                 | 95                                    |
| 100                                   | 66.9                           | 373.6                                  | 12,500 *                        | 70.9                           | 378.0                                  | 12,700 *                        |                                |                                        |                                 | 100                                   |
| 105                                   | 65.5                           | 371.3                                  | 12,300 *                        | 69.5                           | 376.2                                  | 12,500 *                        |                                |                                        |                                 | 105                                   |
| 110                                   | 64.0                           | 368.9                                  | 12,100 *                        | 68.1                           | 374.1                                  | 12,300 *                        |                                |                                        |                                 | 110                                   |
| 115                                   | 62.6                           | 366.3                                  | 11,900 *                        | 66.7                           | 372.0                                  | 12,200 *                        |                                |                                        |                                 | 115                                   |
| 120                                   | 61.1                           | 363.5                                  | 11,700 *                        | 65.2                           | 369.7                                  | 12,000 *                        |                                |                                        |                                 | 120                                   |
| 125                                   | 59.6                           | 360.6                                  | 11,500 *                        | 63.8                           | 367.2                                  | 11,800 *                        |                                |                                        |                                 | 125                                   |
| 130                                   | 58.1                           | 357.5                                  | 11,400 *                        | 62.3                           | 364.6                                  | 11,700 *                        |                                |                                        |                                 | 130                                   |
| 135                                   | 56.5                           | 354.2                                  | 11,200 *                        | 60.8                           | 361.8                                  | 11,500 *                        |                                |                                        |                                 | 135                                   |
| 140                                   | 54.9                           | 350.7                                  | 10,900 *                        | 59.3                           | 358.9                                  | 11,400 *                        |                                |                                        |                                 | 140                                   |
| 145                                   | 53.3                           | 347.0                                  | 10,600 *                        | 57.8                           | 355.7                                  | 11,200 *                        |                                |                                        |                                 | 145                                   |
| 150                                   | 51.7                           | 343.1                                  | 10,300 *                        | 56.2                           | 352.4                                  | 11,100 *                        |                                |                                        |                                 | 150                                   |
| 155                                   | 50.0                           | 338.9                                  | 10,000 *                        | 54.7                           | 348.9                                  | 10,900 *                        |                                |                                        |                                 | 155                                   |
| 160                                   | 48.3                           | 334.5                                  | 9,700 *                         | 53.0                           | 345.1                                  | 10,700 *                        |                                |                                        |                                 | 160                                   |
| 165                                   | 46.5                           | 329.8                                  | 9,400 *                         | 51.4                           | 341.2                                  | 10,400 *                        |                                |                                        |                                 | 165                                   |
| 170                                   | 44.6                           | 324.7                                  | 9,200 *                         | 49.7                           | 336.9                                  | 10,100 *                        |                                |                                        |                                 | 170                                   |
| 175                                   | 42.7                           | 319.4                                  | 8,900 *                         | 47.9                           | 332.5                                  | 9,800 *                         |                                |                                        |                                 | 175                                   |
| 180                                   | 40.8                           | 313.6                                  | 8,700 *                         | 46.2                           | 327.7                                  | 9,500 *                         |                                |                                        |                                 | 180                                   |
| 185                                   | 38.7                           | 307.5                                  | 8,500 *                         | 44.3                           | 322.6                                  | 9,300 *                         | 56.5                           | 344.1                                  | 8,100                           | 185                                   |
| 190                                   | 36.5                           | 300.8                                  | 8,300 *                         | 42.4                           | 317.2                                  | 9,000 *                         | 54.9                           | 340.6                                  | 7,700                           | 190                                   |
| 195                                   | 34.3                           | 293.6                                  | 8,100 *                         | 40.4                           | 311.4                                  | 8,800 *                         | 53.3                           | 336.9                                  | 7,300                           | 195                                   |
| 200                                   | 31.8                           | 285.7                                  | 7,900 *                         | 38.3                           | 305.1                                  | 8,600 *                         | 51.6                           | 332.9                                  | 7,000                           | 200                                   |
| 205                                   | 29.2                           | 277.0                                  | 7,800 *                         | 36.2                           | 298.4                                  | 8,400 *                         | 49.9                           | 328.7                                  | 6,600                           | 205                                   |
| 210                                   | 26.4                           | 267.3                                  | 7,600 *                         | 33.9                           | 291.1                                  | 8,200 *                         | 48.2                           | 324.3                                  | 6,300                           | 210                                   |
| 220                                   | 19.6                           | 242.9                                  | 7,300 *                         | 28.8                           | 274.2                                  | 7,800 *                         | 44.6                           | 314.5                                  | 5,700                           | 220                                   |
| 230                                   | 8.2                            | 200.3                                  | 5,600 *                         | 22.6                           | 252.8                                  | 7,500 *                         | 40.7                           | 303.4                                  | 5,100                           | 230                                   |
| 240                                   |                                |                                        |                                 | 14.1                           | 221.4                                  | 6,900 *                         | 36.5                           | 290.6                                  | 4,600                           | 240                                   |
| 250                                   |                                |                                        |                                 |                                |                                        |                                 | 31.8                           | 275.4                                  | 4,100                           | 250                                   |

# Liftcrane Fixed Jib Capacities

**777T**

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
 Luffing Jib No. 139 On Boom No. 78T With Heavy Lift Top  
 95,400 Lb. Crane Counterweight  
 25,000 Lb. Front Bumper Counterweight  
 360 Degree Rating On Fully Extended Outriggers

Designed And Tested  
 With The Intent To  
 Be In The Scope of  
 ANSI B30.5



## 160 Ft. Boom, 170 Ft. Luffing Jib, 60 Ft. Fixed Jib

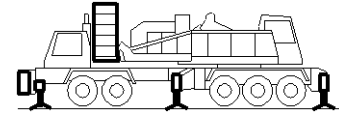
| Fixed Jib<br>Oper.<br>Rad.<br>Feet | 88 Degree<br>Boom Angle        |                                        |                                 | 83 Degree<br>Boom Angle        |                                        |                                 | 70 Degree<br>Boom Angle        |                                        |                                 | Fixed Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|------------------------------------|
|                                    | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds |                                    |
| 70                                 | 75.8                           | 394.6                                  | 13,000 *                        |                                |                                        |                                 |                                |                                        |                                 | 70                                 |
| 75                                 | 74.5                           | 393.3                                  | 12,800 *                        |                                |                                        |                                 |                                |                                        |                                 | 75                                 |
| 80                                 | 73.3                           | 391.8                                  | 12,600 *                        |                                |                                        |                                 |                                |                                        |                                 | 80                                 |
| 85                                 | 71.9                           | 390.1                                  | 12,400 *                        |                                |                                        |                                 |                                |                                        |                                 | 85                                 |
| 90                                 | 70.6                           | 388.4                                  | 12,200 *                        |                                |                                        |                                 |                                |                                        |                                 | 90                                 |
| 95                                 | 69.3                           | 386.5                                  | 12,100 *                        |                                |                                        |                                 |                                |                                        |                                 | 95                                 |
| 100                                | 68.0                           | 384.5                                  | 11,900 *                        |                                |                                        |                                 |                                |                                        |                                 | 100                                |
| 105                                | 66.6                           | 382.3                                  | 11,700 *                        | 70.4                           | 386.8                                  | 11,800 *                        |                                |                                        |                                 | 105                                |
| 110                                | 65.3                           | 380.0                                  | 11,500 *                        | 69.1                           | 384.9                                  | 11,600 *                        |                                |                                        |                                 | 110                                |
| 115                                | 63.9                           | 377.6                                  | 11,300 *                        | 67.7                           | 382.9                                  | 11,500 *                        |                                |                                        |                                 | 115                                |
| 120                                | 62.5                           | 375.0                                  | 11,200 *                        | 66.4                           | 380.7                                  | 11,400 *                        |                                |                                        |                                 | 120                                |
| 125                                | 61.1                           | 372.2                                  | 11,000 *                        | 65.0                           | 378.4                                  | 11,200 *                        |                                |                                        |                                 | 125                                |
| 130                                | 59.6                           | 369.3                                  | 10,900 *                        | 63.6                           | 375.9                                  | 11,100 *                        |                                |                                        |                                 | 130                                |
| 135                                | 58.2                           | 366.2                                  | 10,700 *                        | 62.2                           | 373.3                                  | 10,900 *                        |                                |                                        |                                 | 135                                |
| 140                                | 56.7                           | 362.9                                  | 10,600 *                        | 60.8                           | 370.5                                  | 10,800 *                        |                                |                                        |                                 | 140                                |
| 145                                | 55.2                           | 359.4                                  | 10,400 *                        | 59.4                           | 367.5                                  | 10,700 *                        |                                |                                        |                                 | 145                                |
| 150                                | 53.6                           | 355.8                                  | 10,100 *                        | 57.9                           | 364.4                                  | 10,600 *                        |                                |                                        |                                 | 150                                |
| 155                                | 52.1                           | 351.9                                  | 9,800 *                         | 56.4                           | 361.1                                  | 10,500 *                        |                                |                                        |                                 | 155                                |
| 160                                | 50.5                           | 347.8                                  | 9,500 *                         | 54.9                           | 357.6                                  | 10,300 *                        |                                |                                        |                                 | 160                                |
| 165                                | 48.8                           | 343.4                                  | 9,200 *                         | 53.4                           | 353.9                                  | 10,100 *                        |                                |                                        |                                 | 165                                |
| 170                                | 47.1                           | 338.8                                  | 9,000 *                         | 51.8                           | 350.0                                  | 9,800 *                         |                                |                                        |                                 | 170                                |
| 175                                | 45.4                           | 333.9                                  | 8,800 *                         | 50.2                           | 345.8                                  | 9,600 *                         |                                |                                        |                                 | 175                                |
| 180                                | 43.6                           | 328.7                                  | 8,600 *                         | 48.5                           | 341.4                                  | 9,300 *                         |                                |                                        |                                 | 180                                |
| 185                                | 41.7                           | 323.2                                  | 8,300 *                         | 46.8                           | 336.8                                  | 9,100 *                         |                                |                                        |                                 | 185                                |
| 190                                | 39.8                           | 317.2                                  | 8,100 *                         | 45.1                           | 331.8                                  | 8,800 *                         | 56.6                           | 352.8                                  | 7,400                           | 190                                |
| 195                                | 37.8                           | 310.9                                  | 8,000 *                         | 43.3                           | 326.6                                  | 8,600 *                         | 55.1                           | 349.3                                  | 7,000                           | 195                                |
| 200                                | 35.7                           | 304.0                                  | 7,800 *                         | 41.4                           | 321.0                                  | 8,400 *                         | 53.6                           | 345.6                                  | 6,700                           | 200                                |
| 205                                | 33.5                           | 296.6                                  | 7,600 *                         | 39.5                           | 314.9                                  | 8,200 *                         | 52.0                           | 341.7                                  | 6,300                           | 205                                |
| 210                                | 31.1                           | 288.5                                  | 7,500 *                         | 37.4                           | 308.5                                  | 8,000 *                         | 50.4                           | 337.6                                  | 6,000                           | 210                                |
| 220                                | 25.8                           | 269.5                                  | 7,200 *                         | 33.1                           | 294.0                                  | 7,700 *                         | 47.1                           | 328.6                                  | 5,400                           | 220                                |
| 230                                | 19.1                           | 244.5                                  | 6,300 *                         | 28.1                           | 276.7                                  | 7,300 *                         | 43.5                           | 318.5                                  | 4,800                           | 230                                |
| 240                                | 8.0                            | 200.9                                  | 4,700 *                         | 22.1                           | 254.7                                  | 6,600 *                         | 39.7                           | 307.0                                  | 4,300                           | 240                                |
| 250                                |                                |                                        |                                 | 13.8                           | 222.5                                  | 5,900 *                         |                                |                                        |                                 | 250                                |

# Liftcrane Fixed Jib Capacities

**777T**

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
Luffing Jib No. 139 On Boom No. 78T With Heavy Lift Top  
95,400 Lb. Crane Counterweight  
25,000 Lb. Front Bumper Counterweight  
360 Degree Rating On Fully Extended Outriggers

Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 170 Ft. Boom, 140 Ft. Luffing Jib, 30 Ft. Fixed Jib

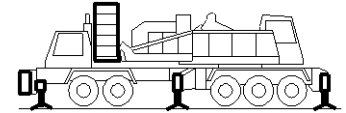
| Fixed<br>Jib<br>Oper.<br>Rad.<br>Feet | 88 Degree<br>Boom Angle        |                                        |                                 | 83 Degree<br>Boom Angle        |                                        |                                 | 70 Degree<br>Boom Angle        |                                        |                                 | Fixed<br>Jib<br>Oper.<br>Rad.<br>Feet |
|---------------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|---------------------------------------|
|                                       | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds |                                       |
| 60                                    | 74.0                           | 345.2                                  | 26,100 *                        |                                |                                        |                                 |                                |                                        |                                 | 60                                    |
| 65                                    | 72.3                           | 343.7                                  | 25,900 *                        |                                |                                        |                                 |                                |                                        |                                 | 65                                    |
| 70                                    | 70.5                           | 341.9                                  | 25,600 *                        |                                |                                        |                                 |                                |                                        |                                 | 70                                    |
| 75                                    | 68.7                           | 340.0                                  | 25,400 *                        |                                |                                        |                                 |                                |                                        |                                 | 75                                    |
| 80                                    | 66.9                           | 337.9                                  | 25,200 *                        |                                |                                        |                                 |                                |                                        |                                 | 80                                    |
| 85                                    | 65.0                           | 335.6                                  | 24,700 *                        | 70.5                           | 340.6                                  | 25,500 *                        |                                |                                        |                                 | 85                                    |
| 90                                    | 63.1                           | 333.1                                  | 23,800 *                        | 68.7                           | 338.7                                  | 25,400 *                        |                                |                                        |                                 | 90                                    |
| 95                                    | 61.2                           | 330.4                                  | 22,900 *                        | 66.9                           | 336.6                                  | 25,300 *                        |                                |                                        |                                 | 95                                    |
| 100                                   | 59.3                           | 327.5                                  | 22,000 *                        | 65.0                           | 334.3                                  | 25,200 *                        |                                |                                        |                                 | 100                                   |
| 105                                   | 57.3                           | 324.3                                  | 21,300 *                        | 63.1                           | 331.8                                  | 24,300 *                        |                                |                                        |                                 | 105                                   |
| 110                                   | 55.3                           | 320.9                                  | 20,500 *                        | 61.2                           | 329.1                                  | 23,300 *                        |                                |                                        |                                 | 110                                   |
| 115                                   | 53.2                           | 317.3                                  | 19,800 *                        | 59.3                           | 326.2                                  | 22,500 *                        |                                |                                        |                                 | 115                                   |
| 120                                   | 51.1                           | 313.3                                  | 19,200 *                        | 57.3                           | 323.1                                  | 21,700 *                        |                                |                                        |                                 | 120                                   |
| 125                                   | 48.9                           | 309.0                                  | 18,600 *                        | 55.3                           | 319.7                                  | 20,900 *                        |                                |                                        |                                 | 125                                   |
| 130                                   | 46.6                           | 304.4                                  | 17,900 *                        | 53.2                           | 316.0                                  | 20,200 *                        |                                |                                        |                                 | 130                                   |
| 135                                   | 44.2                           | 299.4                                  | 17,200 *                        | 51.1                           | 312.0                                  | 19,400 *                        |                                |                                        |                                 | 135                                   |
| 140                                   | 41.7                           | 293.9                                  | 16,500 *                        | 48.9                           | 307.7                                  | 18,400 *                        |                                |                                        |                                 | 140                                   |
| 145                                   | 39.1                           | 287.9                                  | 15,800 *                        | 46.6                           | 303.1                                  | 17,400 *                        |                                |                                        |                                 | 145                                   |
| 150                                   | 36.3                           | 281.3                                  | 15,100 *                        | 44.2                           | 298.1                                  | 16,500 *                        |                                |                                        |                                 | 150                                   |
| 155                                   | 33.4                           | 274.0                                  | 14,400 *                        | 41.7                           | 292.6                                  | 15,700 *                        |                                |                                        |                                 | 155                                   |
| 160                                   | 30.1                           | 265.7                                  | 13,700 *                        | 39.1                           | 286.6                                  | 14,900 *                        | 56.5                           | 312.3                                  | 10,400                          | 160                                   |
| 165                                   | 26.5                           | 256.2                                  | 13,100 *                        | 36.3                           | 280.0                                  | 14,200 *                        | 54.4                           | 308.8                                  | 9,900                           | 165                                   |
| 170                                   | 22.4                           | 244.9                                  | 12,600 *                        | 33.3                           | 272.7                                  | 13,500 *                        | 52.3                           | 305.0                                  | 9,400                           | 170                                   |
| 175                                   | 17.3                           | 230.6                                  | 12,000 *                        | 30.1                           | 264.4                                  | 12,800 *                        | 50.2                           | 300.9                                  | 8,900                           | 175                                   |
| 180                                   | 9.9                            | 209.0                                  | 10,200 *                        | 26.5                           | 254.9                                  | 12,200 *                        | 47.9                           | 296.5                                  | 8,400                           | 180                                   |
| 185                                   |                                |                                        |                                 | 22.4                           | 243.6                                  | 11,600 *                        | 45.6                           | 291.7                                  | 8,000                           | 185                                   |
| 190                                   |                                |                                        |                                 | 17.3                           | 229.3                                  | 11,100 *                        | 43.2                           | 286.5                                  | 7,600                           | 190                                   |
| 195                                   |                                |                                        |                                 | 9.8                            | 207.7                                  | 10,500 *                        | 40.6                           | 280.8                                  | 7,200                           | 195                                   |
| 200                                   |                                |                                        |                                 |                                |                                        |                                 | 38.0                           | 274.6                                  | 6,800                           | 200                                   |
| 205                                   |                                |                                        |                                 |                                |                                        |                                 | 35.1                           | 267.7                                  | 6,500                           | 205                                   |
| 210                                   |                                |                                        |                                 |                                |                                        |                                 | 32.0                           | 260.0                                  | 6,200                           | 210                                   |
| 220                                   |                                |                                        |                                 |                                |                                        |                                 | 24.9                           | 241.1                                  | 5,500                           | 220                                   |
| 230                                   |                                |                                        |                                 |                                |                                        |                                 | 14.6                           | 212.4                                  | 4,900                           | 230                                   |

# Liftcrane Fixed Jib Capacities

**777T**

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
 Luffing Jib No. 139 On Boom No. 78T With Heavy Lift Top  
 95,400 Lb. Crane Counterweight  
 25,000 Lb. Front Bumper Counterweight  
 360 Degree Rating On Fully Extended Outriggers

Designed And Tested  
 With The Intent To  
 Be In The Scope of  
 ANSI B30.5



## 170 Ft. Boom, 150 Ft. Luffing Jib, 30 Ft. Fixed Jib

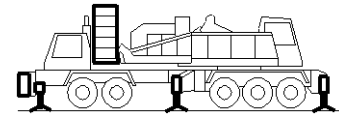
| Fixed Jib<br>Oper.<br>Rad.<br>Feet | 88 Degree<br>Boom Angle        |                                        |                                 | 83 Degree<br>Boom Angle        |                                        |                                 | 70 Degree<br>Boom Angle        |                                        |                                 | Fixed Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|------------------------------------|
|                                    | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds |                                    |
| 60                                 | 74.9                           | 355.6                                  | 24,400 *                        |                                |                                        |                                 |                                |                                        |                                 | 60                                 |
| 65                                 | 73.3                           | 354.2                                  | 24,200 *                        |                                |                                        |                                 |                                |                                        |                                 | 65                                 |
| 70                                 | 71.6                           | 352.5                                  | 24,100 *                        |                                |                                        |                                 |                                |                                        |                                 | 70                                 |
| 75                                 | 69.9                           | 350.7                                  | 23,800 *                        |                                |                                        |                                 |                                |                                        |                                 | 75                                 |
| 80                                 | 68.2                           | 348.8                                  | 23,500 *                        |                                |                                        |                                 |                                |                                        |                                 | 80                                 |
| 85                                 | 66.5                           | 346.6                                  | 22,900 *                        |                                |                                        |                                 |                                |                                        |                                 | 85                                 |
| 90                                 | 64.7                           | 344.3                                  | 22,300 *                        | 69.9                           | 349.5                                  | 22,700 *                        |                                |                                        |                                 | 90                                 |
| 95                                 | 63.0                           | 341.8                                  | 21,700 *                        | 68.2                           | 347.5                                  | 22,700 *                        |                                |                                        |                                 | 95                                 |
| 100                                | 61.2                           | 339.1                                  | 21,100 *                        | 66.5                           | 345.4                                  | 22,600 *                        |                                |                                        |                                 | 100                                |
| 105                                | 59.3                           | 336.2                                  | 20,400 *                        | 64.7                           | 343.0                                  | 22,400 *                        |                                |                                        |                                 | 105                                |
| 110                                | 57.5                           | 333.0                                  | 19,800 *                        | 63.0                           | 340.5                                  | 22,300 *                        |                                |                                        |                                 | 110                                |
| 115                                | 55.6                           | 329.7                                  | 19,200 *                        | 61.2                           | 337.8                                  | 22,000 *                        |                                |                                        |                                 | 115                                |
| 120                                | 53.6                           | 326.0                                  | 18,500 *                        | 59.3                           | 334.9                                  | 21,200 *                        |                                |                                        |                                 | 120                                |
| 125                                | 51.6                           | 322.1                                  | 17,900 *                        | 57.5                           | 331.7                                  | 20,500 *                        |                                |                                        |                                 | 125                                |
| 130                                | 49.5                           | 317.9                                  | 17,200 *                        | 55.6                           | 328.4                                  | 19,900 *                        |                                |                                        |                                 | 130                                |
| 135                                | 47.4                           | 313.4                                  | 16,600 *                        | 53.6                           | 324.7                                  | 19,200 *                        |                                |                                        |                                 | 135                                |
| 140                                | 45.2                           | 308.6                                  | 16,000 *                        | 51.6                           | 320.9                                  | 18,200 *                        |                                |                                        |                                 | 140                                |
| 145                                | 42.9                           | 303.3                                  | 15,300 *                        | 49.5                           | 316.7                                  | 17,200 *                        |                                |                                        |                                 | 145                                |
| 150                                | 40.5                           | 297.6                                  | 14,700 *                        | 47.4                           | 312.1                                  | 16,300 *                        |                                |                                        |                                 | 150                                |
| 155                                | 38.0                           | 291.3                                  | 14,200 *                        | 45.2                           | 307.3                                  | 15,500 *                        |                                |                                        |                                 | 155                                |
| 160                                | 35.3                           | 284.5                                  | 13,600 *                        | 42.9                           | 302.0                                  | 14,700 *                        |                                |                                        |                                 | 160                                |
| 165                                | 32.4                           | 276.9                                  | 13,000 *                        | 40.5                           | 296.3                                  | 14,000 *                        | 56.7                           | 321.0                                  | 9,700                           | 165                                |
| 170                                | 29.2                           | 268.3                                  | 12,500 *                        | 37.9                           | 290.0                                  | 13,300 *                        | 54.7                           | 317.5                                  | 9,200                           | 170                                |
| 175                                | 25.8                           | 258.5                                  | 11,900 *                        | 35.3                           | 283.2                                  | 12,600 *                        | 52.8                           | 313.8                                  | 8,700                           | 175                                |
| 180                                | 21.7                           | 246.8                                  | 11,300 *                        | 32.4                           | 275.6                                  | 12,000 *                        | 50.7                           | 309.8                                  | 8,300                           | 180                                |
| 185                                | 16.8                           | 232.1                                  | 10,600 *                        | 29.2                           | 267.0                                  | 11,400 *                        | 48.6                           | 305.5                                  | 7,900                           | 185                                |
| 190                                | 9.6                            | 209.8                                  | 8,900 *                         | 25.7                           | 257.2                                  | 10,900 *                        | 46.5                           | 300.8                                  | 7,500                           | 190                                |
| 195                                |                                |                                        |                                 | 21.7                           | 245.5                                  | 10,300 *                        | 44.2                           | 295.8                                  | 7,100                           | 195                                |
| 200                                |                                |                                        |                                 | 16.8                           | 230.8                                  | 9,800 *                         | 41.9                           | 290.3                                  | 6,700                           | 200                                |
| 205                                |                                |                                        |                                 | 9.5                            | 208.5                                  | 9,400 *                         | 39.4                           | 284.4                                  | 6,400                           | 205                                |
| 210                                |                                |                                        |                                 |                                |                                        |                                 | 36.8                           | 277.9                                  | 6,000                           | 210                                |
| 220                                |                                |                                        |                                 |                                |                                        |                                 | 31.1                           | 262.8                                  | 5,400                           | 220                                |
| 230                                |                                |                                        |                                 |                                |                                        |                                 | 24.1                           | 243.2                                  | 4,800                           | 230                                |
| 240                                |                                |                                        |                                 |                                |                                        |                                 | 14.2                           | 213.6                                  | 4,300                           | 240                                |

# Liftcrane Fixed Jib Capacities

**777T**

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
Luffing Jib No. 139 On Boom No. 78T With Heavy Lift Top  
95,400 Lb. Crane Counterweight  
25,000 Lb. Front Bumper Counterweight  
360 Degree Rating On Fully Extended Outriggers

Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 170 Ft. Boom, 160 Ft. Luffing Jib, 30 Ft. Fixed Jib

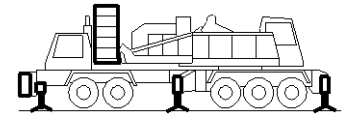
| Fixed Jib<br>Oper.<br>Rad.<br>Feet | 88 Degree<br>Boom Angle        |                                        |                                 | 83 Degree<br>Boom Angle        |                                        |                                 | 70 Degree<br>Boom Angle        |                                        |                                 | Fixed Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|------------------------------------|
|                                    | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds |                                    |
| 60                                 | 75.7                           | 366.0                                  | 22,000 *                        |                                |                                        |                                 |                                |                                        |                                 | 60                                 |
| 65                                 | 74.2                           | 364.6                                  | 21,900 *                        |                                |                                        |                                 |                                |                                        |                                 | 65                                 |
| 70                                 | 72.6                           | 363.1                                  | 21,500 *                        |                                |                                        |                                 |                                |                                        |                                 | 70                                 |
| 75                                 | 71.0                           | 361.4                                  | 21,300 *                        |                                |                                        |                                 |                                |                                        |                                 | 75                                 |
| 80                                 | 69.4                           | 359.5                                  | 21,100 *                        |                                |                                        |                                 |                                |                                        |                                 | 80                                 |
| 85                                 | 67.8                           | 357.5                                  | 20,800 *                        |                                |                                        |                                 |                                |                                        |                                 | 85                                 |
| 90                                 | 66.2                           | 355.3                                  | 20,500 *                        | 71.0                           | 360.1                                  | 20,300 *                        |                                |                                        |                                 | 90                                 |
| 95                                 | 64.5                           | 353.0                                  | 20,000 *                        | 69.4                           | 358.3                                  | 20,200 *                        |                                |                                        |                                 | 95                                 |
| 100                                | 62.8                           | 350.5                                  | 19,500 *                        | 67.8                           | 356.2                                  | 20,100 *                        |                                |                                        |                                 | 100                                |
| 105                                | 61.1                           | 347.7                                  | 19,000 *                        | 66.2                           | 354.1                                  | 19,900 *                        |                                |                                        |                                 | 105                                |
| 110                                | 59.4                           | 344.8                                  | 18,500 *                        | 64.5                           | 351.7                                  | 19,800 *                        |                                |                                        |                                 | 110                                |
| 115                                | 57.6                           | 341.7                                  | 17,900 *                        | 62.8                           | 349.2                                  | 19,700 *                        |                                |                                        |                                 | 115                                |
| 120                                | 55.8                           | 338.4                                  | 17,400 *                        | 61.1                           | 346.5                                  | 19,500 *                        |                                |                                        |                                 | 120                                |
| 125                                | 54.0                           | 334.8                                  | 16,900 *                        | 59.4                           | 343.6                                  | 19,400 *                        |                                |                                        |                                 | 125                                |
| 130                                | 52.1                           | 330.9                                  | 16,300 *                        | 57.6                           | 340.4                                  | 19,300 *                        |                                |                                        |                                 | 130                                |
| 135                                | 50.1                           | 326.8                                  | 15,800 *                        | 55.8                           | 337.1                                  | 18,700 *                        |                                |                                        |                                 | 135                                |
| 140                                | 48.1                           | 322.4                                  | 15,300 *                        | 54.0                           | 333.5                                  | 17,700 *                        |                                |                                        |                                 | 140                                |
| 145                                | 46.1                           | 317.7                                  | 14,700 *                        | 52.1                           | 329.7                                  | 16,700 *                        |                                |                                        |                                 | 145                                |
| 150                                | 43.9                           | 312.6                                  | 14,200 *                        | 50.1                           | 325.5                                  | 15,800 *                        |                                |                                        |                                 | 150                                |
| 155                                | 41.7                           | 307.1                                  | 13,700 *                        | 48.1                           | 321.1                                  | 15,000 *                        |                                |                                        |                                 | 155                                |
| 160                                | 39.4                           | 301.2                                  | 13,200 *                        | 46.1                           | 316.4                                  | 14,200 *                        |                                |                                        |                                 | 160                                |
| 165                                | 36.9                           | 294.7                                  | 12,700 *                        | 43.9                           | 311.3                                  | 13,500 *                        |                                |                                        |                                 | 165                                |
| 170                                | 34.3                           | 287.6                                  | 12,300 *                        | 41.7                           | 305.8                                  | 12,800 *                        | 56.9                           | 329.7                                  | 8,800                           | 170                                |
| 175                                | 31.5                           | 279.7                                  | 11,700 *                        | 39.4                           | 299.9                                  | 12,200 *                        | 55.0                           | 326.3                                  | 8,300                           | 175                                |
| 180                                | 28.4                           | 270.8                                  | 11,000 *                        | 36.9                           | 293.4                                  | 11,500 *                        | 53.2                           | 322.6                                  | 7,900                           | 180                                |
| 185                                | 25.0                           | 260.7                                  | 10,400 *                        | 34.3                           | 286.3                                  | 11,000 *                        | 51.3                           | 318.6                                  | 7,500                           | 185                                |
| 190                                | 21.1                           | 248.7                                  | 9,700 *                         | 31.5                           | 278.4                                  | 10,400 *                        | 49.3                           | 314.4                                  | 7,100                           | 190                                |
| 195                                | 16.3                           | 233.5                                  | 9,100 *                         | 28.4                           | 269.5                                  | 9,900 *                         | 47.3                           | 309.9                                  | 6,700                           | 195                                |
| 200                                | 9.3                            | 210.6                                  | 7,600 *                         | 25.0                           | 259.4                                  | 9,400 *                         | 45.2                           | 305.0                                  | 6,300                           | 200                                |
| 205                                |                                |                                        |                                 | 21.1                           | 247.4                                  | 8,900 *                         | 43.0                           | 299.7                                  | 6,000                           | 205                                |
| 210                                |                                |                                        |                                 | 16.3                           | 232.2                                  | 8,500 *                         | 40.7                           | 294.1                                  | 5,700                           | 210                                |
| 220                                |                                |                                        |                                 |                                |                                        |                                 | 35.8                           | 281.1                                  | 5,000                           | 220                                |
| 230                                |                                |                                        |                                 |                                |                                        |                                 | 30.2                           | 265.5                                  | 4,500                           | 230                                |
| 240                                |                                |                                        |                                 |                                |                                        |                                 | 23.5                           | 245.3                                  | 4,000                           | 240                                |

# Liftcrane Fixed Jib Capacities

**777T**

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
 Luffing Jib No. 139 On Boom No. 78T With Heavy Lift Top  
 95,400 Lb. Crane Counterweight  
 25,000 Lb. Front Bumper Counterweight  
 360 Degree Rating On Fully Extended Outriggers

Designed And Tested  
 With The Intent To  
 Be In The Scope of  
 ANSI B30.5



## 170 Ft. Boom, 170 Ft. Luffing Jib, 30 Ft. Fixed Jib

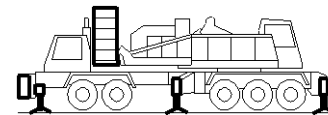
| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle  |                            |                           | 83 Degree Boom Angle  |                            |                           | 70 Degree Boom Angle  |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|-----------------------|----------------------------|---------------------------|-----------------------|----------------------------|---------------------------|-----------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Ang. Deg. | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Ang. Deg. | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Ang. Deg. | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 65                        | 75.0                  | 375.0                      | 19,600 *                  |                       |                            |                           |                       |                            |                           | 65                        |
| 70                        | 73.5                  | 373.6                      | 19,300 *                  |                       |                            |                           |                       |                            |                           | 70                        |
| 75                        | 72.0                  | 372.0                      | 19,100 *                  |                       |                            |                           |                       |                            |                           | 75                        |
| 80                        | 70.5                  | 370.2                      | 18,900 *                  |                       |                            |                           |                       |                            |                           | 80                        |
| 85                        | 69.0                  | 368.3                      | 18,600 *                  |                       |                            |                           |                       |                            |                           | 85                        |
| 90                        | 67.4                  | 366.3                      | 18,400 *                  |                       |                            |                           |                       |                            |                           | 90                        |
| 95                        | 65.9                  | 364.1                      | 18,200 *                  | 70.5                  | 368.9                      | 18,000 *                  |                       |                            |                           | 95                        |
| 100                       | 64.3                  | 361.7                      | 17,900 *                  | 69.0                  | 367.0                      | 17,800 *                  |                       |                            |                           | 100                       |
| 105                       | 62.7                  | 359.1                      | 17,600 *                  | 67.4                  | 365.0                      | 17,700 *                  |                       |                            |                           | 105                       |
| 110                       | 61.1                  | 356.4                      | 17,200 *                  | 65.9                  | 362.8                      | 17,600 *                  |                       |                            |                           | 110                       |
| 115                       | 59.4                  | 353.5                      | 16,700 *                  | 64.3                  | 360.4                      | 17,400 *                  |                       |                            |                           | 115                       |
| 120                       | 57.7                  | 350.4                      | 16,300 *                  | 62.7                  | 357.9                      | 17,300 *                  |                       |                            |                           | 120                       |
| 125                       | 56.0                  | 347.1                      | 15,800 *                  | 61.1                  | 355.1                      | 17,100 *                  |                       |                            |                           | 125                       |
| 130                       | 54.3                  | 343.5                      | 15,400 *                  | 59.4                  | 352.2                      | 17,000 *                  |                       |                            |                           | 130                       |
| 135                       | 52.5                  | 339.7                      | 14,900 *                  | 57.7                  | 349.1                      | 16,800 *                  |                       |                            |                           | 135                       |
| 140                       | 50.6                  | 335.7                      | 14,500 *                  | 56.0                  | 345.8                      | 16,700 *                  |                       |                            |                           | 140                       |
| 145                       | 48.8                  | 331.4                      | 14,000 *                  | 54.3                  | 342.2                      | 16,400 *                  |                       |                            |                           | 145                       |
| 150                       | 46.8                  | 326.8                      | 13,600 *                  | 52.5                  | 338.4                      | 15,500 *                  |                       |                            |                           | 150                       |
| 155                       | 44.8                  | 321.8                      | 13,100 *                  | 50.6                  | 334.4                      | 14,600 *                  |                       |                            |                           | 155                       |
| 160                       | 42.7                  | 316.5                      | 12,700 *                  | 48.8                  | 330.1                      | 13,900 *                  |                       |                            |                           | 160                       |
| 165                       | 40.6                  | 310.8                      | 12,300 *                  | 46.8                  | 325.5                      | 13,100 *                  |                       |                            |                           | 165                       |
| 170                       | 38.3                  | 304.6                      | 11,900 *                  | 44.8                  | 320.5                      | 12,400 *                  |                       |                            |                           | 170                       |
| 175                       | 35.9                  | 297.9                      | 11,500 *                  | 42.7                  | 315.2                      | 11,800 *                  | 57.0                  | 338.4                      | 8,000                     | 175                       |
| 180                       | 33.4                  | 290.5                      | 10,800 *                  | 40.6                  | 309.5                      | 11,200 *                  | 55.3                  | 335.0                      | 7,600                     | 180                       |
| 185                       | 30.7                  | 282.4                      | 10,200 *                  | 38.3                  | 303.3                      | 10,600 *                  | 53.5                  | 331.3                      | 7,200                     | 185                       |
| 190                       | 27.7                  | 273.3                      | 9,600 *                   | 35.9                  | 296.6                      | 10,000 *                  | 51.7                  | 327.5                      | 6,800                     | 190                       |
| 195                       | 24.4                  | 262.8                      | 9,000 *                   | 33.4                  | 289.3                      | 9,500 *                   | 49.9                  | 323.3                      | 6,400                     | 195                       |
| 200                       | 20.6                  | 250.4                      | 8,400 *                   | 30.7                  | 281.1                      | 9,000 *                   | 48.0                  | 318.9                      | 6,000                     | 200                       |
| 205                       | 15.9                  | 234.8                      | 7,800 *                   | 27.7                  | 272.0                      | 8,600 *                   | 46.0                  | 314.1                      | 5,700                     | 205                       |
| 210                       | 9.1                   | 211.3                      | 6,400 *                   | 24.4                  | 261.5                      | 8,100 *                   | 44.0                  | 309.0                      | 5,400                     | 210                       |
| 220                       |                       |                            |                           | 15.9                  | 233.5                      | 7,300 *                   | 39.6                  | 297.7                      | 4,800                     | 220                       |
| 230                       |                       |                            |                           |                       |                            |                           | 34.9                  | 284.3                      | 4,200                     | 230                       |

# Liftcrane Fixed Jib Capacities

**777T**

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
Luffing Jib No. 139 On Boom No. 78T With Heavy Lift Top  
95,400 Lb. Crane Counterweight  
25,000 Lb. Front Bumper Counterweight  
360 Degree Rating On Fully Extended Outriggers

**Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5**



## 170 Ft. Boom, 140 Ft. Luffing Jib, 40 Ft. Fixed Jib

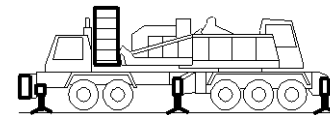
| Fixed<br>Jib<br>Oper.<br>Rad.<br>Feet | 88 Degree<br>Boom Angle        |                                        |                                 | 83 Degree<br>Boom Angle        |                                        |                                 | 70 Degree<br>Boom Angle        |                                        |                                 | Fixed<br>Jib<br>Oper.<br>Rad.<br>Feet |
|---------------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|---------------------------------------|
|                                       | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds |                                       |
| 60                                    | 75.3                           | 355.6                                  | 21,900 *                        |                                |                                        |                                 |                                |                                        |                                 | 60                                    |
| 65                                    | 73.7                           | 354.1                                  | 21,600 *                        |                                |                                        |                                 |                                |                                        |                                 | 65                                    |
| 70                                    | 72.0                           | 352.5                                  | 21,400 *                        |                                |                                        |                                 |                                |                                        |                                 | 70                                    |
| 75                                    | 70.3                           | 350.7                                  | 21,200 *                        |                                |                                        |                                 |                                |                                        |                                 | 75                                    |
| 80                                    | 68.6                           | 348.7                                  | 21,000 *                        |                                |                                        |                                 |                                |                                        |                                 | 80                                    |
| 85                                    | 66.9                           | 346.6                                  | 20,800 *                        |                                |                                        |                                 |                                |                                        |                                 | 85                                    |
| 90                                    | 65.2                           | 344.3                                  | 20,300 *                        | 70.3                           | 349.4                                  | 21,200 *                        |                                |                                        |                                 | 90                                    |
| 95                                    | 63.4                           | 341.7                                  | 19,500 *                        | 68.6                           | 347.4                                  | 21,100 *                        |                                |                                        |                                 | 95                                    |
| 100                                   | 61.6                           | 339.0                                  | 18,700 *                        | 66.9                           | 345.3                                  | 20,900 *                        |                                |                                        |                                 | 100                                   |
| 105                                   | 59.8                           | 336.1                                  | 18,000 *                        | 65.2                           | 343.0                                  | 20,700 *                        |                                |                                        |                                 | 105                                   |
| 110                                   | 57.9                           | 333.0                                  | 17,400 *                        | 63.4                           | 340.5                                  | 19,900 *                        |                                |                                        |                                 | 110                                   |
| 115                                   | 56.0                           | 329.6                                  | 16,800 *                        | 61.6                           | 337.8                                  | 19,100 *                        |                                |                                        |                                 | 115                                   |
| 120                                   | 54.0                           | 326.0                                  | 16,200 *                        | 59.7                           | 334.8                                  | 18,400 *                        |                                |                                        |                                 | 120                                   |
| 125                                   | 52.0                           | 322.1                                  | 15,700 *                        | 57.9                           | 331.7                                  | 17,700 *                        |                                |                                        |                                 | 125                                   |
| 130                                   | 49.9                           | 317.9                                  | 15,200 *                        | 56.0                           | 328.3                                  | 17,100 *                        |                                |                                        |                                 | 130                                   |
| 135                                   | 47.8                           | 313.4                                  | 14,800 *                        | 54.0                           | 324.7                                  | 16,500 *                        |                                |                                        |                                 | 135                                   |
| 140                                   | 45.6                           | 308.5                                  | 14,300 *                        | 52.0                           | 320.8                                  | 16,000 *                        |                                |                                        |                                 | 140                                   |
| 145                                   | 43.3                           | 303.2                                  | 13,900 *                        | 49.9                           | 316.6                                  | 15,500 *                        |                                |                                        |                                 | 145                                   |
| 150                                   | 40.9                           | 297.5                                  | 13,600 *                        | 47.8                           | 312.1                                  | 15,000 *                        |                                |                                        |                                 | 150                                   |
| 155                                   | 38.4                           | 291.3                                  | 13,200 *                        | 45.6                           | 307.2                                  | 14,600 *                        |                                |                                        |                                 | 155                                   |
| 160                                   | 35.7                           | 284.4                                  | 12,900 *                        | 43.3                           | 301.9                                  | 14,200 *                        |                                |                                        |                                 | 160                                   |
| 165                                   | 32.8                           | 276.8                                  | 12,600 *                        | 40.9                           | 296.2                                  | 13,800 *                        | 57.1                           | 321.0                                  | 9,900                           | 165                                   |
| 170                                   | 29.6                           | 268.2                                  | 12,000 *                        | 38.3                           | 290.0                                  | 13,400 *                        | 55.2                           | 317.5                                  | 9,400                           | 170                                   |
| 175                                   | 26.1                           | 258.4                                  | 11,500 *                        | 35.7                           | 283.1                                  | 13,000 *                        | 53.2                           | 313.8                                  | 9,000                           | 175                                   |
| 180                                   | 22.1                           | 246.7                                  | 11,000 *                        | 32.8                           | 275.5                                  | 12,400 *                        | 51.1                           | 309.7                                  | 8,500                           | 180                                   |
| 185                                   | 17.2                           | 231.9                                  | 10,600 *                        | 29.6                           | 266.9                                  | 11,800 *                        | 49.0                           | 305.4                                  | 8,100                           | 185                                   |
| 190                                   | 9.9                            | 209.5                                  | 9,300 *                         | 26.1                           | 257.1                                  | 11,200 *                        | 46.9                           | 300.7                                  | 7,700                           | 190                                   |
| 195                                   |                                |                                        |                                 | 22.1                           | 245.4                                  | 10,700 *                        | 44.6                           | 295.7                                  | 7,300                           | 195                                   |
| 200                                   |                                |                                        |                                 | 17.2                           | 230.6                                  | 10,200 *                        | 42.3                           | 290.3                                  | 6,900                           | 200                                   |
| 205                                   |                                |                                        |                                 | 9.9                            | 208.1                                  | 9,700 *                         | 39.8                           | 284.3                                  | 6,600                           | 205                                   |
| 210                                   |                                |                                        |                                 |                                |                                        |                                 | 37.2                           | 277.8                                  | 6,300                           | 210                                   |
| 220                                   |                                |                                        |                                 |                                |                                        |                                 | 31.5                           | 262.7                                  | 5,600                           | 220                                   |
| 230                                   |                                |                                        |                                 |                                |                                        |                                 | 24.5                           | 243.1                                  | 5,100                           | 230                                   |
| 240                                   |                                |                                        |                                 |                                |                                        |                                 | 14.6                           | 213.4                                  | 4,500                           | 240                                   |

# Liftcrane Fixed Jib Capacities

**777T**

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
Luffing Jib No. 139 On Boom No. 78T With Heavy Lift Top  
95,400 Lb. Crane Counterweight  
25,000 Lb. Front Bumper Counterweight  
360 Degree Rating On Fully Extended Outriggers

Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 170 Ft. Boom, 150 Ft. Luffing Jib, 40 Ft. Fixed Jib

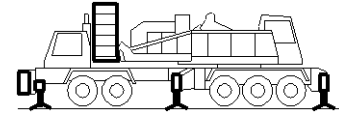
| Fixed Jib<br>Oper.<br>Rad.<br>Feet | 88 Degree<br>Boom Angle        |                                        |                                 | 83 Degree<br>Boom Angle        |                                        |                                 | 70 Degree<br>Boom Angle        |                                        |                                 | Fixed Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|------------------------------------|
|                                    | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds |                                    |
| 65                                 | 74.6                           | 364.6                                  | 21,100 *                        |                                |                                        |                                 |                                |                                        |                                 | 65                                 |
| 70                                 | 73.0                           | 363.0                                  | 20,900 *                        |                                |                                        |                                 |                                |                                        |                                 | 70                                 |
| 75                                 | 71.4                           | 361.3                                  | 20,700 *                        |                                |                                        |                                 |                                |                                        |                                 | 75                                 |
| 80                                 | 69.8                           | 359.5                                  | 20,500 *                        |                                |                                        |                                 |                                |                                        |                                 | 80                                 |
| 85                                 | 68.2                           | 357.5                                  | 20,300 *                        |                                |                                        |                                 |                                |                                        |                                 | 85                                 |
| 90                                 | 66.6                           | 355.3                                  | 19,800 *                        |                                |                                        |                                 |                                |                                        |                                 | 90                                 |
| 95                                 | 64.9                           | 352.9                                  | 19,000 *                        | 69.8                           | 358.2                                  | 19,800 *                        |                                |                                        |                                 | 95                                 |
| 100                                | 63.2                           | 350.4                                  | 18,300 *                        | 68.2                           | 356.2                                  | 19,700 *                        |                                |                                        |                                 | 100                                |
| 105                                | 61.5                           | 347.7                                  | 17,700 *                        | 66.5                           | 354.0                                  | 19,500 *                        |                                |                                        |                                 | 105                                |
| 110                                | 59.8                           | 344.8                                  | 17,000 *                        | 64.9                           | 351.7                                  | 19,400 *                        |                                |                                        |                                 | 110                                |
| 115                                | 58.0                           | 341.6                                  | 16,500 *                        | 63.2                           | 349.1                                  | 18,700 *                        |                                |                                        |                                 | 115                                |
| 120                                | 56.2                           | 338.3                                  | 15,900 *                        | 61.5                           | 346.4                                  | 18,000 *                        |                                |                                        |                                 | 120                                |
| 125                                | 54.3                           | 334.7                                  | 15,400 *                        | 59.8                           | 343.5                                  | 17,400 *                        |                                |                                        |                                 | 125                                |
| 130                                | 52.5                           | 330.9                                  | 15,000 *                        | 58.0                           | 340.4                                  | 16,800 *                        |                                |                                        |                                 | 130                                |
| 135                                | 50.5                           | 326.8                                  | 14,500 *                        | 56.2                           | 337.0                                  | 16,200 *                        |                                |                                        |                                 | 135                                |
| 140                                | 48.5                           | 322.4                                  | 14,100 *                        | 54.3                           | 333.4                                  | 15,700 *                        |                                |                                        |                                 | 140                                |
| 145                                | 46.4                           | 317.6                                  | 13,700 *                        | 52.4                           | 329.6                                  | 15,200 *                        |                                |                                        |                                 | 145                                |
| 150                                | 44.3                           | 312.5                                  | 13,400 *                        | 50.5                           | 325.5                                  | 14,800 *                        |                                |                                        |                                 | 150                                |
| 155                                | 42.1                           | 307.0                                  | 13,000 *                        | 48.5                           | 321.1                                  | 14,300 *                        |                                |                                        |                                 | 155                                |
| 160                                | 39.7                           | 301.1                                  | 12,700 *                        | 46.4                           | 316.3                                  | 13,900 *                        |                                |                                        |                                 | 160                                |
| 165                                | 37.3                           | 294.6                                  | 12,400 *                        | 44.3                           | 311.2                                  | 13,600 *                        |                                |                                        |                                 | 165                                |
| 170                                | 34.7                           | 287.5                                  | 11,900 *                        | 42.1                           | 305.8                                  | 13,200 *                        | 57.2                           | 329.7                                  | 9,300                           | 170                                |
| 175                                | 31.9                           | 279.6                                  | 11,400 *                        | 39.7                           | 299.8                                  | 12,800 *                        | 55.4                           | 326.2                                  | 8,800                           | 175                                |
| 180                                | 28.8                           | 270.7                                  | 10,900 *                        | 37.3                           | 293.3                                  | 12,200 *                        | 53.6                           | 322.5                                  | 8,400                           | 180                                |
| 185                                | 25.4                           | 260.6                                  | 10,500 *                        | 34.7                           | 286.2                                  | 11,600 *                        | 51.6                           | 318.6                                  | 7,900                           | 185                                |
| 190                                | 21.5                           | 248.5                                  | 10,100 *                        | 31.9                           | 278.3                                  | 11,000 *                        | 49.7                           | 314.3                                  | 7,500                           | 190                                |
| 195                                | 16.7                           | 233.3                                  | 9,700 *                         | 28.8                           | 269.4                                  | 10,500 *                        | 47.6                           | 309.8                                  | 7,200                           | 195                                |
| 200                                | 9.6                            | 210.3                                  | 8,200 *                         | 25.4                           | 259.3                                  | 10,000 *                        | 45.5                           | 304.9                                  | 6,800                           | 200                                |
| 205                                |                                |                                        |                                 | 21.5                           | 247.2                                  | 9,500 *                         | 43.4                           | 299.7                                  | 6,400                           | 205                                |
| 210                                |                                |                                        |                                 | 16.7                           | 232.0                                  | 9,100 *                         | 41.1                           | 294.0                                  | 6,100                           | 210                                |
| 220                                |                                |                                        |                                 |                                |                                        |                                 | 36.2                           | 281.1                                  | 5,500                           | 220                                |
| 230                                |                                |                                        |                                 |                                |                                        |                                 | 30.6                           | 265.4                                  | 4,900                           | 230                                |
| 240                                |                                |                                        |                                 |                                |                                        |                                 | 23.8                           | 245.1                                  | 4,400                           | 240                                |

# Liftcrane Fixed Jib Capacities

**777T**

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
Luffing Jib No. 139 On Boom No. 78T With Heavy Lift Top  
95,400 Lb. Crane Counterweight  
25,000 Lb. Front Bumper Counterweight  
360 Degree Rating On Fully Extended Outriggers

Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 170 Ft. Boom, 160 Ft. Luffing Jib, 40 Ft. Fixed Jib

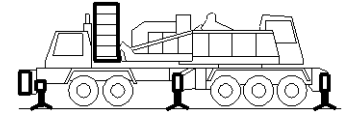
| Fixed Jib<br>Oper.<br>Rad.<br>Feet | 88 Degree<br>Boom Angle        |                                        |                                 | 83 Degree<br>Boom Angle        |                                        |                                 | 70 Degree<br>Boom Angle        |                                        |                                 | Fixed Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|------------------------------------|
|                                    | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds |                                    |
| 65                                 | 75.3                           | 375.0                                  | 19,400 *                        |                                |                                        |                                 |                                |                                        |                                 | 65                                 |
| 70                                 | 73.9                           | 373.5                                  | 19,200 *                        |                                |                                        |                                 |                                |                                        |                                 | 70                                 |
| 75                                 | 72.4                           | 371.9                                  | 19,000 *                        |                                |                                        |                                 |                                |                                        |                                 | 75                                 |
| 80                                 | 70.9                           | 370.2                                  | 18,700 *                        |                                |                                        |                                 |                                |                                        |                                 | 80                                 |
| 85                                 | 69.3                           | 368.3                                  | 18,500 *                        |                                |                                        |                                 |                                |                                        |                                 | 85                                 |
| 90                                 | 67.8                           | 366.2                                  | 18,300 *                        |                                |                                        |                                 |                                |                                        |                                 | 90                                 |
| 95                                 | 66.2                           | 364.0                                  | 18,100 *                        | 70.9                           | 368.9                                  | 17,900 *                        |                                |                                        |                                 | 95                                 |
| 100                                | 64.7                           | 361.6                                  | 17,900 *                        | 69.3                           | 367.0                                  | 17,800 *                        |                                |                                        |                                 | 100                                |
| 105                                | 63.1                           | 359.1                                  | 17,300 *                        | 67.8                           | 364.9                                  | 17,600 *                        |                                |                                        |                                 | 105                                |
| 110                                | 61.4                           | 356.3                                  | 16,700 *                        | 66.2                           | 362.7                                  | 17,500 *                        |                                |                                        |                                 | 110                                |
| 115                                | 59.8                           | 353.4                                  | 16,100 *                        | 64.6                           | 360.3                                  | 17,400 *                        |                                |                                        |                                 | 115                                |
| 120                                | 58.1                           | 350.3                                  | 15,600 *                        | 63.0                           | 357.8                                  | 17,300 *                        |                                |                                        |                                 | 120                                |
| 125                                | 56.4                           | 347.0                                  | 15,100 *                        | 61.4                           | 355.1                                  | 17,000 *                        |                                |                                        |                                 | 125                                |
| 130                                | 54.6                           | 343.4                                  | 14,700 *                        | 59.8                           | 352.2                                  | 16,400 *                        |                                |                                        |                                 | 130                                |
| 135                                | 52.8                           | 339.7                                  | 14,300 *                        | 58.1                           | 349.0                                  | 15,900 *                        |                                |                                        |                                 | 135                                |
| 140                                | 51.0                           | 335.6                                  | 13,900 *                        | 56.4                           | 345.7                                  | 15,400 *                        |                                |                                        |                                 | 140                                |
| 145                                | 49.1                           | 331.3                                  | 13,500 *                        | 54.6                           | 342.2                                  | 14,900 *                        |                                |                                        |                                 | 145                                |
| 150                                | 47.2                           | 326.7                                  | 13,200 *                        | 52.8                           | 338.4                                  | 14,500 *                        |                                |                                        |                                 | 150                                |
| 155                                | 45.2                           | 321.8                                  | 12,800 *                        | 51.0                           | 334.3                                  | 14,100 *                        |                                |                                        |                                 | 155                                |
| 160                                | 43.1                           | 316.5                                  | 12,500 *                        | 49.1                           | 330.0                                  | 13,700 *                        |                                |                                        |                                 | 160                                |
| 165                                | 40.9                           | 310.7                                  | 12,000 *                        | 47.2                           | 325.4                                  | 13,400 *                        |                                |                                        |                                 | 165                                |
| 170                                | 38.7                           | 304.5                                  | 11,600 *                        | 45.2                           | 320.5                                  | 13,000 *                        |                                |                                        |                                 | 170                                |
| 175                                | 36.3                           | 297.8                                  | 11,200 *                        | 43.1                           | 315.2                                  | 12,300 *                        | 57.4                           | 338.3                                  | 8,400                           | 175                                |
| 180                                | 33.7                           | 290.5                                  | 10,800 *                        | 40.9                           | 309.4                                  | 11,700 *                        | 55.7                           | 334.9                                  | 8,000                           | 180                                |
| 185                                | 31.0                           | 282.3                                  | 10,400 *                        | 38.7                           | 303.3                                  | 11,100 *                        | 53.9                           | 331.3                                  | 7,500                           | 185                                |
| 190                                | 28.0                           | 273.2                                  | 10,000 *                        | 36.3                           | 296.5                                  | 10,600 *                        | 52.1                           | 327.4                                  | 7,100                           | 190                                |
| 195                                | 24.7                           | 262.7                                  | 9,500 *                         | 33.7                           | 289.2                                  | 10,100 *                        | 50.2                           | 323.2                                  | 6,800                           | 195                                |
| 200                                | 20.9                           | 250.3                                  | 8,900 *                         | 31.0                           | 281.0                                  | 9,600 *                         | 48.3                           | 318.8                                  | 6,400                           | 200                                |
| 205                                | 16.2                           | 234.7                                  | 8,300 *                         | 28.0                           | 271.9                                  | 9,100 *                         | 46.4                           | 314.1                                  | 6,100                           | 205                                |
| 210                                | 9.3                            | 211.0                                  | 7,000 *                         | 24.7                           | 261.4                                  | 8,600 *                         | 44.3                           | 309.0                                  | 5,700                           | 210                                |
| 220                                |                                |                                        |                                 | 16.2                           | 233.3                                  | 7,800 *                         | 40.0                           | 297.6                                  | 5,100                           | 220                                |
| 230                                |                                |                                        |                                 |                                |                                        |                                 | 35.2                           | 284.2                                  | 4,600                           | 230                                |
| 240                                |                                |                                        |                                 |                                |                                        |                                 | 29.8                           | 268.0                                  | 4,100                           | 240                                |

# Liftcrane Fixed Jib Capacities

**777T**

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
Luffing Jib No. 139 On Boom No. 78T With Heavy Lift Top  
95,400 Lb. Crane Counterweight  
25,000 Lb. Front Bumper Counterweight  
360 Degree Rating On Fully Extended Outriggers

Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 170 Ft. Boom, 170 Ft. Luffing Jib, 40 Ft. Fixed Jib

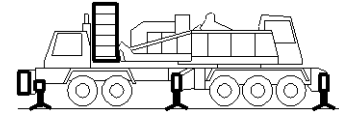
| Fixed Jib<br>Oper.<br>Rad.<br>Feet | 88 Degree<br>Boom Angle        |                                        |                                 | 83 Degree<br>Boom Angle        |                                        |                                 | 70 Degree<br>Boom Angle        |                                        |                                 | Fixed Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|------------------------------------|
|                                    | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds |                                    |
| 70                                 | 74.7                           | 383.9                                  | 17,400 *                        |                                |                                        |                                 |                                |                                        |                                 | 70                                 |
| 75                                 | 73.2                           | 382.4                                  | 17,200 *                        |                                |                                        |                                 |                                |                                        |                                 | 75                                 |
| 80                                 | 71.8                           | 380.8                                  | 17,000 *                        |                                |                                        |                                 |                                |                                        |                                 | 80                                 |
| 85                                 | 70.4                           | 379.0                                  | 16,800 *                        |                                |                                        |                                 |                                |                                        |                                 | 85                                 |
| 90                                 | 68.9                           | 377.0                                  | 16,600 *                        |                                |                                        |                                 |                                |                                        |                                 | 90                                 |
| 95                                 | 67.4                           | 374.9                                  | 16,300 *                        |                                |                                        |                                 |                                |                                        |                                 | 95                                 |
| 100                                | 65.9                           | 372.7                                  | 16,200 *                        | 70.4                           | 377.7                                  | 16,000 *                        |                                |                                        |                                 | 100                                |
| 105                                | 64.4                           | 370.3                                  | 16,000 *                        | 68.9                           | 375.8                                  | 15,900 *                        |                                |                                        |                                 | 105                                |
| 110                                | 62.9                           | 367.7                                  | 15,800 *                        | 67.4                           | 373.7                                  | 15,800 *                        |                                |                                        |                                 | 110                                |
| 115                                | 61.4                           | 365.0                                  | 15,400 *                        | 65.9                           | 371.4                                  | 15,700 *                        |                                |                                        |                                 | 115                                |
| 120                                | 59.8                           | 362.1                                  | 15,000 *                        | 64.4                           | 369.0                                  | 15,500 *                        |                                |                                        |                                 | 120                                |
| 125                                | 58.2                           | 359.0                                  | 14,600 *                        | 62.9                           | 366.5                                  | 15,400 *                        |                                |                                        |                                 | 125                                |
| 130                                | 56.6                           | 355.7                                  | 14,300 *                        | 61.4                           | 363.7                                  | 15,300 *                        |                                |                                        |                                 | 130                                |
| 135                                | 54.9                           | 352.2                                  | 13,900 *                        | 59.8                           | 360.8                                  | 15,100 *                        |                                |                                        |                                 | 135                                |
| 140                                | 53.2                           | 348.4                                  | 13,500 *                        | 58.2                           | 357.7                                  | 15,000 *                        |                                |                                        |                                 | 140                                |
| 145                                | 51.5                           | 344.5                                  | 13,100 *                        | 56.6                           | 354.4                                  | 14,600 *                        |                                |                                        |                                 | 145                                |
| 150                                | 49.7                           | 340.2                                  | 12,700 *                        | 54.9                           | 350.9                                  | 14,200 *                        |                                |                                        |                                 | 150                                |
| 155                                | 47.9                           | 335.7                                  | 12,300 *                        | 53.2                           | 347.2                                  | 13,800 *                        |                                |                                        |                                 | 155                                |
| 160                                | 46.0                           | 330.9                                  | 12,000 *                        | 51.5                           | 343.2                                  | 13,400 *                        |                                |                                        |                                 | 160                                |
| 165                                | 44.0                           | 325.8                                  | 11,600 *                        | 49.7                           | 339.0                                  | 13,100 *                        |                                |                                        |                                 | 165                                |
| 170                                | 42.0                           | 320.3                                  | 11,200 *                        | 47.9                           | 334.4                                  | 12,600 *                        |                                |                                        |                                 | 170                                |
| 175                                | 39.9                           | 314.3                                  | 10,800 *                        | 46.0                           | 329.6                                  | 12,000 *                        |                                |                                        |                                 | 175                                |
| 180                                | 37.7                           | 307.9                                  | 10,500 *                        | 44.0                           | 324.5                                  | 11,300 *                        | 57.5                           | 347.0                                  | 7,700                           | 180                                |
| 185                                | 35.4                           | 301.0                                  | 10,200 *                        | 42.0                           | 319.0                                  | 10,800 *                        | 55.9                           | 343.6                                  | 7,200                           | 185                                |
| 190                                | 32.9                           | 293.4                                  | 9,800 *                         | 39.9                           | 313.0                                  | 10,200 *                        | 54.2                           | 340.0                                  | 6,800                           | 190                                |
| 195                                | 30.2                           | 285.0                                  | 9,300 *                         | 37.7                           | 306.6                                  | 9,700 *                         | 52.5                           | 336.2                                  | 6,500                           | 195                                |
| 200                                | 27.3                           | 275.5                                  | 8,700 *                         | 35.4                           | 299.7                                  | 9,200 *                         | 50.7                           | 332.1                                  | 6,100                           | 200                                |
| 205                                | 24.1                           | 264.8                                  | 8,200 *                         | 32.9                           | 292.1                                  | 8,700 *                         | 48.9                           | 327.8                                  | 5,800                           | 205                                |
| 210                                | 20.4                           | 252.0                                  | 7,700 *                         | 30.2                           | 283.7                                  | 8,300 *                         | 47.1                           | 323.1                                  | 5,400                           | 210                                |
| 220                                | 9.1                            | 211.7                                  | 5,900 *                         | 24.1                           | 263.5                                  | 7,400 *                         | 43.2                           | 312.9                                  | 4,800                           | 220                                |
| 230                                |                                |                                        |                                 | 15.8                           | 234.7                                  | 6,700 *                         | 39.0                           | 301.1                                  | 4,300                           | 230                                |

# Liftcrane Fixed Jib Capacities

**777T**

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
Luffing Jib No. 139 On Boom No. 78T With Heavy Lift Top  
95,400 Lb. Crane Counterweight  
25,000 Lb. Front Bumper Counterweight  
360 Degree Rating On Fully Extended Outriggers

Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 170 Ft. Boom, 140 Ft. Luffing Jib, 50 Ft. Fixed Jib

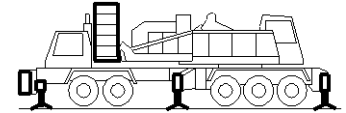
| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle  |                            |                           | 83 Degree Boom Angle  |                            |                           | 70 Degree Boom Angle  |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|-----------------------|----------------------------|---------------------------|-----------------------|----------------------------|---------------------------|-----------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Ang. Deg. | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Ang. Deg. | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Ang. Deg. | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 65                        | 74.7                  | 364.6                      | 18,600 *                  |                       |                            |                           |                       |                            |                           | 65                        |
| 70                        | 73.1                  | 363.0                      | 18,300 *                  |                       |                            |                           |                       |                            |                           | 70                        |
| 75                        | 71.5                  | 361.3                      | 18,100 *                  |                       |                            |                           |                       |                            |                           | 75                        |
| 80                        | 69.9                  | 359.5                      | 17,900 *                  |                       |                            |                           |                       |                            |                           | 80                        |
| 85                        | 68.3                  | 357.5                      | 17,700 *                  |                       |                            |                           |                       |                            |                           | 85                        |
| 90                        | 66.6                  | 355.3                      | 17,500 *                  |                       |                            |                           |                       |                            |                           | 90                        |
| 95                        | 65.0                  | 352.9                      | 17,300 *                  | 69.9                  | 358.2                      | 17,700 *                  |                       |                            |                           | 95                        |
| 100                       | 63.3                  | 350.4                      | 16,600 *                  | 68.3                  | 356.2                      | 17,500 *                  |                       |                            |                           | 100                       |
| 105                       | 61.6                  | 347.7                      | 16,000 *                  | 66.6                  | 354.0                      | 17,300 *                  |                       |                            |                           | 105                       |
| 110                       | 59.9                  | 344.8                      | 15,400 *                  | 65.0                  | 351.7                      | 17,100 *                  |                       |                            |                           | 110                       |
| 115                       | 58.1                  | 341.7                      | 14,800 *                  | 63.3                  | 349.1                      | 16,900 *                  |                       |                            |                           | 115                       |
| 120                       | 56.3                  | 338.3                      | 14,300 *                  | 61.6                  | 346.4                      | 16,300 *                  |                       |                            |                           | 120                       |
| 125                       | 54.4                  | 334.7                      | 13,800 *                  | 59.9                  | 343.5                      | 15,700 *                  |                       |                            |                           | 125                       |
| 130                       | 52.5                  | 330.9                      | 13,400 *                  | 58.1                  | 340.4                      | 15,100 *                  |                       |                            |                           | 130                       |
| 135                       | 50.6                  | 326.8                      | 13,000 *                  | 56.3                  | 337.0                      | 14,600 *                  |                       |                            |                           | 135                       |
| 140                       | 48.6                  | 322.4                      | 12,600 *                  | 54.4                  | 333.4                      | 14,100 *                  |                       |                            |                           | 140                       |
| 145                       | 46.5                  | 317.6                      | 12,200 *                  | 52.5                  | 329.6                      | 13,600 *                  |                       |                            |                           | 145                       |
| 150                       | 44.4                  | 312.5                      | 11,900 *                  | 50.6                  | 325.5                      | 13,200 *                  |                       |                            |                           | 150                       |
| 155                       | 42.2                  | 307.0                      | 11,500 *                  | 48.6                  | 321.1                      | 12,800 *                  |                       |                            |                           | 155                       |
| 160                       | 39.8                  | 301.1                      | 11,200 *                  | 46.5                  | 316.4                      | 12,400 *                  |                       |                            |                           | 160                       |
| 165                       | 37.4                  | 294.6                      | 10,900 *                  | 44.4                  | 311.3                      | 12,000 *                  |                       |                            |                           | 165                       |
| 170                       | 34.8                  | 287.5                      | 10,700 *                  | 42.2                  | 305.8                      | 11,700 *                  | 57.3                  | 329.7                      | 9,500                     | 170                       |
| 175                       | 32.0                  | 279.6                      | 10,400 *                  | 39.8                  | 299.8                      | 11,400 *                  | 55.5                  | 326.2                      | 9,000                     | 175                       |
| 180                       | 28.9                  | 270.7                      | 10,200 *                  | 37.4                  | 293.3                      | 11,100 *                  | 53.6                  | 322.5                      | 8,500                     | 180                       |
| 185                       | 25.5                  | 260.6                      | 9,900 *                   | 34.8                  | 286.2                      | 10,800 *                  | 51.7                  | 318.6                      | 8,100                     | 185                       |
| 190                       | 21.6                  | 248.5                      | 9,700 *                   | 32.0                  | 278.3                      | 10,500 *                  | 49.8                  | 314.3                      | 7,700                     | 190                       |
| 195                       | 16.8                  | 233.3                      | 9,300 *                   | 28.9                  | 269.4                      | 10,300 *                  | 47.7                  | 309.8                      | 7,300                     | 195                       |
| 200                       | 9.7                   | 210.3                      | 8,500 *                   | 25.5                  | 259.3                      | 10,100 *                  | 45.6                  | 304.9                      | 7,000                     | 200                       |
| 205                       |                       |                            |                           | 21.6                  | 247.2                      | 9,900 *                   | 43.5                  | 299.7                      | 6,600                     | 205                       |
| 210                       |                       |                            |                           | 16.8                  | 232.0                      | 9,400 *                   | 41.2                  | 294.0                      | 6,300                     | 210                       |
| 220                       |                       |                            |                           |                       |                            |                           | 36.3                  | 281.1                      | 5,700                     | 220                       |
| 230                       |                       |                            |                           |                       |                            |                           | 30.7                  | 265.4                      | 5,200                     | 230                       |
| 240                       |                       |                            |                           |                       |                            |                           | 23.9                  | 245.2                      | 4,600                     | 240                       |
| 250                       |                       |                            |                           |                       |                            |                           | 14.3                  | 214.6                      | 4,100                     | 250                       |

# Liftcrane Fixed Jib Capacities

**777T**

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
Luffing Jib No. 139 On Boom No. 78T With Heavy Lift Top  
95,400 Lb. Crane Counterweight  
25,000 Lb. Front Bumper Counterweight  
360 Degree Rating On Fully Extended Outriggers

Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 170 Ft. Boom, 150 Ft. Luffing Jib, 50 Ft. Fixed Jib

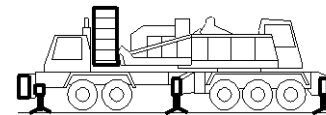
| Fixed Jib<br>Oper.<br>Rad.<br>Feet | 88 Degree<br>Boom Angle        |                                        |                                 | 83 Degree<br>Boom Angle        |                                        |                                 | 70 Degree<br>Boom Angle        |                                        |                                 | Fixed Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|------------------------------------|
|                                    | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds |                                    |
| 65                                 | 75.4                           | 375.0                                  | 17,900 *                        |                                |                                        |                                 |                                |                                        |                                 | 65                                 |
| 70                                 | 74.0                           | 373.5                                  | 17,700 *                        |                                |                                        |                                 |                                |                                        |                                 | 70                                 |
| 75                                 | 72.5                           | 371.9                                  | 17,500 *                        |                                |                                        |                                 |                                |                                        |                                 | 75                                 |
| 80                                 | 70.9                           | 370.2                                  | 17,200 *                        |                                |                                        |                                 |                                |                                        |                                 | 80                                 |
| 85                                 | 69.4                           | 368.3                                  | 17,000 *                        |                                |                                        |                                 |                                |                                        |                                 | 85                                 |
| 90                                 | 67.9                           | 366.2                                  | 16,800 *                        |                                |                                        |                                 |                                |                                        |                                 | 90                                 |
| 95                                 | 66.3                           | 364.0                                  | 16,500 *                        | 70.9                           | 368.9                                  | 16,600 *                        |                                |                                        |                                 | 95                                 |
| 100                                | 64.7                           | 361.6                                  | 16,300 *                        | 69.4                           | 367.0                                  | 16,500 *                        |                                |                                        |                                 | 100                                |
| 105                                | 63.1                           | 359.1                                  | 15,600 *                        | 67.9                           | 364.9                                  | 16,300 *                        |                                |                                        |                                 | 105                                |
| 110                                | 61.5                           | 356.4                                  | 15,100 *                        | 66.3                           | 362.7                                  | 16,100 *                        |                                |                                        |                                 | 110                                |
| 115                                | 59.9                           | 353.4                                  | 14,600 *                        | 64.7                           | 360.4                                  | 16,000 *                        |                                |                                        |                                 | 115                                |
| 120                                | 58.2                           | 350.3                                  | 14,100 *                        | 63.1                           | 357.8                                  | 15,700 *                        |                                |                                        |                                 | 120                                |
| 125                                | 56.5                           | 347.0                                  | 13,600 *                        | 61.5                           | 355.1                                  | 15,400 *                        |                                |                                        |                                 | 125                                |
| 130                                | 54.7                           | 343.5                                  | 13,100 *                        | 59.9                           | 352.2                                  | 14,800 *                        |                                |                                        |                                 | 130                                |
| 135                                | 52.9                           | 339.7                                  | 12,700 *                        | 58.2                           | 349.0                                  | 14,300 *                        |                                |                                        |                                 | 135                                |
| 140                                | 51.1                           | 335.6                                  | 12,400 *                        | 56.5                           | 345.7                                  | 13,800 *                        |                                |                                        |                                 | 140                                |
| 145                                | 49.2                           | 331.3                                  | 12,000 *                        | 54.7                           | 342.2                                  | 13,400 *                        |                                |                                        |                                 | 145                                |
| 150                                | 47.3                           | 326.7                                  | 11,700 *                        | 52.9                           | 338.4                                  | 13,000 *                        |                                |                                        |                                 | 150                                |
| 155                                | 45.3                           | 321.8                                  | 11,300 *                        | 51.1                           | 334.4                                  | 12,600 *                        |                                |                                        |                                 | 155                                |
| 160                                | 43.2                           | 316.5                                  | 11,000 *                        | 49.2                           | 330.0                                  | 12,200 *                        |                                |                                        |                                 | 160                                |
| 165                                | 41.0                           | 310.7                                  | 10,800 *                        | 47.3                           | 325.4                                  | 11,900 *                        |                                |                                        |                                 | 165                                |
| 170                                | 38.8                           | 304.6                                  | 10,500 *                        | 45.3                           | 320.5                                  | 11,500 *                        |                                |                                        |                                 | 170                                |
| 175                                | 36.4                           | 297.8                                  | 10,200 *                        | 43.2                           | 315.2                                  | 11,200 *                        | 57.5                           | 338.3                                  | 8,800                           | 175                                |
| 180                                | 33.8                           | 290.5                                  | 10,000 *                        | 41.0                           | 309.5                                  | 10,900 *                        | 55.7                           | 334.9                                  | 8,400                           | 180                                |
| 185                                | 31.1                           | 282.3                                  | 9,800 *                         | 38.8                           | 303.3                                  | 10,600 *                        | 54.0                           | 331.3                                  | 8,000                           | 185                                |
| 190                                | 28.1                           | 273.2                                  | 9,600 *                         | 36.4                           | 296.5                                  | 10,400 *                        | 52.2                           | 327.4                                  | 7,600                           | 190                                |
| 195                                | 24.8                           | 262.7                                  | 9,200 *                         | 33.8                           | 289.2                                  | 10,100 *                        | 50.3                           | 323.2                                  | 7,200                           | 195                                |
| 200                                | 21.0                           | 250.3                                  | 8,900 *                         | 31.1                           | 281.0                                  | 9,900 *                         | 48.4                           | 318.8                                  | 6,800                           | 200                                |
| 205                                | 16.3                           | 234.7                                  | 8,600 *                         | 28.1                           | 271.9                                  | 9,700 *                         | 46.4                           | 314.1                                  | 6,500                           | 205                                |
| 210                                | 9.4                            | 211.0                                  | 7,500 *                         | 24.8                           | 261.4                                  | 9,200 *                         | 44.4                           | 309.0                                  | 6,200                           | 210                                |
| 220                                |                                |                                        |                                 | 16.3                           | 233.4                                  | 8,400 *                         | 40.1                           | 297.6                                  | 5,600                           | 220                                |
| 230                                |                                |                                        |                                 |                                |                                        |                                 | 35.3                           | 284.2                                  | 5,000                           | 230                                |
| 240                                |                                |                                        |                                 |                                |                                        |                                 | 29.9                           | 268.0                                  | 4,500                           | 240                                |
| 250                                |                                |                                        |                                 |                                |                                        |                                 | 23.3                           | 247.2                                  | 4,000                           | 250                                |

# Liftcrane Fixed Jib Capacities

**777T**

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
Luffing Jib No. 139 On Boom No. 78T With Heavy Lift Top  
95,400 Lb. Crane Counterweight  
25,000 Lb. Front Bumper Counterweight  
360 Degree Rating On Fully Extended Outriggers

Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 170 Ft. Boom, 160 Ft. Luffing Jib, 50 Ft. Fixed Jib

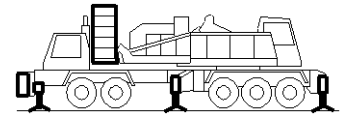
| Fixed Jib<br>Oper.<br>Rad.<br>Feet | 88 Degree<br>Boom Angle        |                                        |                                 | 83 Degree<br>Boom Angle        |                                        |                                 | 70 Degree<br>Boom Angle        |                                        |                                 | Fixed Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|------------------------------------|
|                                    | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds |                                    |
| 70                                 | 74.7                           | 383.9                                  | 16,500 *                        |                                |                                        |                                 |                                |                                        |                                 | 70                                 |
| 75                                 | 73.3                           | 382.4                                  | 16,300 *                        |                                |                                        |                                 |                                |                                        |                                 | 75                                 |
| 80                                 | 71.9                           | 380.8                                  | 16,000 *                        |                                |                                        |                                 |                                |                                        |                                 | 80                                 |
| 85                                 | 70.4                           | 379.0                                  | 15,800 *                        |                                |                                        |                                 |                                |                                        |                                 | 85                                 |
| 90                                 | 69.0                           | 377.0                                  | 15,600 *                        |                                |                                        |                                 |                                |                                        |                                 | 90                                 |
| 95                                 | 67.5                           | 375.0                                  | 15,400 *                        |                                |                                        |                                 |                                |                                        |                                 | 95                                 |
| 100                                | 66.0                           | 372.7                                  | 15,200 *                        | 70.4                           | 377.7                                  | 15,300 *                        |                                |                                        |                                 | 100                                |
| 105                                | 64.5                           | 370.3                                  | 15,000 *                        | 69.0                           | 375.8                                  | 15,100 *                        |                                |                                        |                                 | 105                                |
| 110                                | 63.0                           | 367.8                                  | 14,800 *                        | 67.5                           | 373.7                                  | 15,000 *                        |                                |                                        |                                 | 110                                |
| 115                                | 61.4                           | 365.0                                  | 14,300 *                        | 66.0                           | 371.4                                  | 14,800 *                        |                                |                                        |                                 | 115                                |
| 120                                | 59.9                           | 362.1                                  | 13,800 *                        | 64.5                           | 369.0                                  | 14,700 *                        |                                |                                        |                                 | 120                                |
| 125                                | 58.3                           | 359.0                                  | 13,300 *                        | 63.0                           | 366.5                                  | 14,600 *                        |                                |                                        |                                 | 125                                |
| 130                                | 56.6                           | 355.7                                  | 12,900 *                        | 61.4                           | 363.7                                  | 14,400 *                        |                                |                                        |                                 | 130                                |
| 135                                | 55.0                           | 352.2                                  | 12,500 *                        | 59.9                           | 360.8                                  | 14,000 *                        |                                |                                        |                                 | 135                                |
| 140                                | 53.3                           | 348.4                                  | 12,100 *                        | 58.3                           | 357.7                                  | 13,600 *                        |                                |                                        |                                 | 140                                |
| 145                                | 51.6                           | 344.5                                  | 11,800 *                        | 56.6                           | 354.4                                  | 13,100 *                        |                                |                                        |                                 | 145                                |
| 150                                | 49.8                           | 340.2                                  | 11,500 *                        | 55.0                           | 350.9                                  | 12,700 *                        |                                |                                        |                                 | 150                                |
| 155                                | 47.9                           | 335.7                                  | 11,200 *                        | 53.3                           | 347.2                                  | 12,300 *                        |                                |                                        |                                 | 155                                |
| 160                                | 46.1                           | 330.9                                  | 10,900 *                        | 51.6                           | 343.2                                  | 12,000 *                        |                                |                                        |                                 | 160                                |
| 165                                | 44.1                           | 325.8                                  | 10,600 *                        | 49.8                           | 339.0                                  | 11,700 *                        |                                |                                        |                                 | 165                                |
| 170                                | 42.1                           | 320.3                                  | 10,300 *                        | 47.9                           | 334.5                                  | 11,300 *                        |                                |                                        |                                 | 170                                |
| 175                                | 40.0                           | 314.3                                  | 10,100 *                        | 46.1                           | 329.6                                  | 11,000 *                        |                                |                                        |                                 | 175                                |
| 180                                | 37.8                           | 307.9                                  | 9,900 *                         | 44.1                           | 324.5                                  | 10,800 *                        | 57.6                           | 347.0                                  | 8,000                           | 180                                |
| 185                                | 35.5                           | 301.0                                  | 9,600 *                         | 42.1                           | 319.0                                  | 10,500 *                        | 56.0                           | 343.6                                  | 7,600                           | 185                                |
| 190                                | 33.0                           | 293.4                                  | 9,400 *                         | 40.0                           | 313.1                                  | 10,200 *                        | 54.3                           | 340.0                                  | 7,200                           | 190                                |
| 195                                | 30.3                           | 285.0                                  | 9,200 *                         | 37.8                           | 306.7                                  | 10,000 *                        | 52.6                           | 336.2                                  | 6,800                           | 195                                |
| 200                                | 27.4                           | 275.6                                  | 8,800 *                         | 35.4                           | 299.7                                  | 9,700 *                         | 50.8                           | 332.1                                  | 6,400                           | 200                                |
| 205                                | 24.2                           | 264.8                                  | 8,500 *                         | 33.0                           | 292.1                                  | 9,200 *                         | 49.0                           | 327.8                                  | 6,100                           | 205                                |
| 210                                | 20.5                           | 252.1                                  | 8,200 *                         | 30.3                           | 283.7                                  | 8,800 *                         | 47.2                           | 323.1                                  | 5,800                           | 210                                |
| 220                                | 9.2                            | 211.8                                  | 6,300 *                         | 24.2                           | 263.5                                  | 7,900 *                         | 43.3                           | 312.9                                  | 5,200                           | 220                                |
| 230                                |                                |                                        |                                 | 15.9                           | 234.7                                  | 7,200 *                         | 39.1                           | 301.1                                  | 4,600                           | 230                                |
| 240                                |                                |                                        |                                 |                                |                                        |                                 | 34.4                           | 287.3                                  | 4,100                           | 240                                |

# Liftcrane Fixed Jib Capacities

**777T**

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
 Luffing Jib No. 139 On Boom No. 78T With Heavy Lift Top  
 95,400 Lb. Crane Counterweight  
 25,000 Lb. Front Bumper Counterweight  
 360 Degree Rating On Fully Extended Outriggers

Designed And Tested  
 With The Intent To  
 Be In The Scope of  
 ANSI B30.5



## 170 Ft. Boom, 170 Ft. Luffing Jib, 50 Ft. Fixed Jib

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle  |                            |                           | 83 Degree Boom Angle  |                            |                           | 70 Degree Boom Angle  |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|-----------------------|----------------------------|---------------------------|-----------------------|----------------------------|---------------------------|-----------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Ang. Deg. | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Ang. Deg. | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Ang. Deg. | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 70                        | 75.4                  | 394.3                      | 15,200 *                  |                       |                            |                           |                       |                            |                           | 70                        |
| 75                        | 74.1                  | 392.9                      | 15,000 *                  |                       |                            |                           |                       |                            |                           | 75                        |
| 80                        | 72.7                  | 391.3                      | 14,800 *                  |                       |                            |                           |                       |                            |                           | 80                        |
| 85                        | 71.4                  | 389.6                      | 14,600 *                  |                       |                            |                           |                       |                            |                           | 85                        |
| 90                        | 70.0                  | 387.8                      | 14,400 *                  |                       |                            |                           |                       |                            |                           | 90                        |
| 95                        | 68.6                  | 385.8                      | 14,200 *                  |                       |                            |                           |                       |                            |                           | 95                        |
| 100                       | 67.2                  | 383.7                      | 14,000 *                  |                       |                            |                           |                       |                            |                           | 100                       |
| 105                       | 65.8                  | 381.4                      | 13,900 *                  | 70.0                  | 386.5                      | 13,900 *                  |                       |                            |                           | 105                       |
| 110                       | 64.3                  | 379.0                      | 13,700 *                  | 68.6                  | 384.5                      | 13,700 *                  |                       |                            |                           | 110                       |
| 115                       | 62.9                  | 376.4                      | 13,600 *                  | 67.2                  | 382.4                      | 13,600 *                  |                       |                            |                           | 115                       |
| 120                       | 61.4                  | 373.7                      | 13,400 *                  | 65.8                  | 380.1                      | 13,500 *                  |                       |                            |                           | 120                       |
| 125                       | 59.9                  | 370.8                      | 13,000 *                  | 64.3                  | 377.7                      | 13,400 *                  |                       |                            |                           | 125                       |
| 130                       | 58.4                  | 367.7                      | 12,600 *                  | 62.9                  | 375.1                      | 13,200 *                  |                       |                            |                           | 130                       |
| 135                       | 56.8                  | 364.4                      | 12,200 *                  | 61.4                  | 372.4                      | 13,100 *                  |                       |                            |                           | 135                       |
| 140                       | 55.2                  | 360.9                      | 11,900 *                  | 59.9                  | 369.5                      | 13,000 *                  |                       |                            |                           | 140                       |
| 145                       | 53.6                  | 357.2                      | 11,500 *                  | 58.4                  | 366.4                      | 12,800 *                  |                       |                            |                           | 145                       |
| 150                       | 52.0                  | 353.3                      | 11,200 *                  | 56.8                  | 363.1                      | 12,400 *                  |                       |                            |                           | 150                       |
| 155                       | 50.3                  | 349.1                      | 10,900 *                  | 55.2                  | 359.6                      | 12,100 *                  |                       |                            |                           | 155                       |
| 160                       | 48.5                  | 344.7                      | 10,600 *                  | 53.6                  | 355.9                      | 11,700 *                  |                       |                            |                           | 160                       |
| 165                       | 46.8                  | 340.0                      | 10,400 *                  | 52.0                  | 352.0                      | 11,400 *                  |                       |                            |                           | 165                       |
| 170                       | 44.9                  | 335.0                      | 10,100 *                  | 50.3                  | 347.9                      | 11,100 *                  |                       |                            |                           | 170                       |
| 175                       | 43.0                  | 329.7                      | 9,900 *                   | 48.5                  | 343.4                      | 10,800 *                  |                       |                            |                           | 175                       |
| 180                       | 41.1                  | 324.0                      | 9,700 *                   | 46.8                  | 338.7                      | 10,500 *                  |                       |                            |                           | 180                       |
| 185                       | 39.0                  | 317.8                      | 9,400 *                   | 44.9                  | 333.7                      | 10,300 *                  | 57.7                  | 355.7                      | 7,300                     | 185                       |
| 190                       | 36.9                  | 311.2                      | 9,200 *                   | 43.0                  | 328.4                      | 10,000 *                  | 56.1                  | 352.3                      | 6,900                     | 190                       |
| 195                       | 34.6                  | 304.1                      | 9,000 *                   | 41.1                  | 322.7                      | 9,800 *                   | 54.5                  | 348.8                      | 6,500                     | 195                       |
| 200                       | 32.2                  | 296.2                      | 8,700 *                   | 39.0                  | 316.6                      | 9,300 *                   | 52.9                  | 345.0                      | 6,100                     | 200                       |
| 205                       | 29.6                  | 287.6                      | 8,400 *                   | 36.9                  | 309.9                      | 8,900 *                   | 51.3                  | 341.0                      | 5,800                     | 205                       |
| 210                       | 26.8                  | 277.9                      | 8,000 *                   | 34.6                  | 302.8                      | 8,400 *                   | 49.6                  | 336.7                      | 5,500                     | 210                       |
| 220                       | 20.0                  | 253.8                      | 7,000 *                   | 29.6                  | 286.3                      | 7,600 *                   | 46.0                  | 327.4                      | 4,900                     | 220                       |
| 230                       |                       |                            |                           | 23.6                  | 265.5                      | 6,800 *                   | 42.2                  | 316.7                      | 4,400                     | 230                       |
| 240                       |                       |                            |                           | 15.5                  | 236.0                      | 6,100 *                   |                       |                            |                           | 240                       |

# Liftcrane Fixed Jib Capacities

**777T**

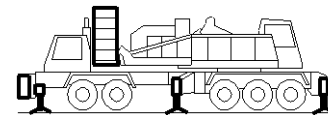
Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
Luffing Jib No. 139 On Boom No. 78T With Heavy Lift Top

95,400 Lb. Crane Counterweight

25,000 Lb. Front Bumper Counterweight

360 Degree Rating On Fully Extended Outriggers

Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 170 Ft. Boom, 140 Ft. Luffing Jib, 60 Ft. Fixed Jib

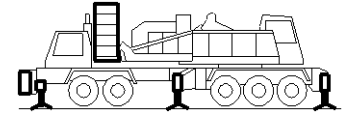
| Fixed Jib<br>Oper.<br>Rad.<br>Feet | 88 Degree<br>Boom Angle        |                                        |                                 | 83 Degree<br>Boom Angle        |                                        |                                 | 70 Degree<br>Boom Angle        |                                        |                                 | Fixed Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|------------------------------------|
|                                    | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds |                                    |
| 65                                 | 75.2                           | 375.0                                  | 15,300 *                        |                                |                                        |                                 |                                |                                        |                                 | 65                                 |
| 70                                 | 73.8                           | 373.6                                  | 15,000 *                        |                                |                                        |                                 |                                |                                        |                                 | 70                                 |
| 75                                 | 72.3                           | 372.0                                  | 14,700 *                        |                                |                                        |                                 |                                |                                        |                                 | 75                                 |
| 80                                 | 70.8                           | 370.2                                  | 14,400 *                        |                                |                                        |                                 |                                |                                        |                                 | 80                                 |
| 85                                 | 69.2                           | 368.3                                  | 14,200 *                        |                                |                                        |                                 |                                |                                        |                                 | 85                                 |
| 90                                 | 67.7                           | 366.3                                  | 13,900 *                        |                                |                                        |                                 |                                |                                        |                                 | 90                                 |
| 95                                 | 66.1                           | 364.1                                  | 13,600 *                        | 70.7                           | 368.9                                  | 14,000 *                        |                                |                                        |                                 | 95                                 |
| 100                                | 64.6                           | 361.7                                  | 13,400 *                        | 69.2                           | 367.0                                  | 13,800 *                        |                                |                                        |                                 | 100                                |
| 105                                | 63.0                           | 359.1                                  | 13,100 *                        | 67.7                           | 365.0                                  | 13,600 *                        |                                |                                        |                                 | 105                                |
| 110                                | 61.3                           | 356.4                                  | 12,900 *                        | 66.1                           | 362.8                                  | 13,400 *                        |                                |                                        |                                 | 110                                |
| 115                                | 59.7                           | 353.5                                  | 12,700 *                        | 64.5                           | 360.4                                  | 13,100 *                        |                                |                                        |                                 | 115                                |
| 120                                | 58.0                           | 350.4                                  | 12,500 *                        | 62.9                           | 357.9                                  | 12,900 *                        |                                |                                        |                                 | 120                                |
| 125                                | 56.3                           | 347.1                                  | 12,200 *                        | 61.3                           | 355.1                                  | 12,700 *                        |                                |                                        |                                 | 125                                |
| 130                                | 54.5                           | 343.5                                  | 12,100 *                        | 59.7                           | 352.2                                  | 12,500 *                        |                                |                                        |                                 | 130                                |
| 135                                | 52.8                           | 339.7                                  | 11,700 *                        | 58.0                           | 349.1                                  | 12,300 *                        |                                |                                        |                                 | 135                                |
| 140                                | 50.9                           | 335.7                                  | 11,300 *                        | 56.3                           | 345.8                                  | 12,100 *                        |                                |                                        |                                 | 140                                |
| 145                                | 49.0                           | 331.4                                  | 11,000 *                        | 54.5                           | 342.2                                  | 12,000 *                        |                                |                                        |                                 | 145                                |
| 150                                | 47.1                           | 326.8                                  | 10,600 *                        | 52.7                           | 338.4                                  | 11,800 *                        |                                |                                        |                                 | 150                                |
| 155                                | 45.1                           | 321.8                                  | 10,300 *                        | 50.9                           | 334.4                                  | 11,500 *                        |                                |                                        |                                 | 155                                |
| 160                                | 43.0                           | 316.5                                  | 10,000 *                        | 49.0                           | 330.1                                  | 11,200 *                        |                                |                                        |                                 | 160                                |
| 165                                | 40.8                           | 310.8                                  | 9,800 *                         | 47.1                           | 325.5                                  | 10,800 *                        |                                |                                        |                                 | 165                                |
| 170                                | 38.6                           | 304.6                                  | 9,500 *                         | 45.1                           | 320.5                                  | 10,500 *                        |                                |                                        |                                 | 170                                |
| 175                                | 36.2                           | 297.9                                  | 9,200 *                         | 43.0                           | 315.2                                  | 10,200 *                        | 57.3                           | 338.4                                  | 9,000                           | 175                                |
| 180                                | 33.7                           | 290.5                                  | 9,000 *                         | 40.8                           | 309.5                                  | 9,900 *                         | 55.6                           | 335.0                                  | 8,500                           | 180                                |
| 185                                | 30.9                           | 282.4                                  | 8,800 *                         | 38.6                           | 303.3                                  | 9,600 *                         | 53.8                           | 331.3                                  | 8,100                           | 185                                |
| 190                                | 28.0                           | 273.3                                  | 8,600 *                         | 36.2                           | 296.6                                  | 9,400 *                         | 52.0                           | 327.5                                  | 7,700                           | 190                                |
| 195                                | 24.7                           | 262.8                                  | 8,400 *                         | 33.6                           | 289.3                                  | 9,100 *                         | 50.1                           | 323.3                                  | 7,400                           | 195                                |
| 200                                | 20.9                           | 250.4                                  | 8,200 *                         | 30.9                           | 281.1                                  | 8,900 *                         | 48.2                           | 318.9                                  | 7,000                           | 200                                |
| 205                                | 16.2                           | 234.8                                  | 8,000 *                         | 28.0                           | 272.0                                  | 8,700 *                         | 46.3                           | 314.1                                  | 6,700                           | 205                                |
| 210                                | 9.3                            | 211.3                                  | 7,800 *                         | 24.6                           | 261.5                                  | 8,500 *                         | 44.2                           | 309.0                                  | 6,300                           | 210                                |
| 220                                |                                |                                        |                                 | 16.2                           | 233.5                                  | 8,100 *                         | 39.9                           | 297.7                                  | 5,700                           | 220                                |
| 230                                |                                |                                        |                                 |                                |                                        |                                 | 35.1                           | 284.3                                  | 5,200                           | 230                                |
| 240                                |                                |                                        |                                 |                                |                                        |                                 | 29.7                           | 268.1                                  | 4,700                           | 240                                |
| 250                                |                                |                                        |                                 |                                |                                        |                                 | 23.1                           | 247.3                                  | 4,200                           | 250                                |

# Liftcrane Fixed Jib Capacities

**777T**

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
 Luffing Jib No. 139 On Boom No. 78T With Heavy Lift Top  
 95,400 Lb. Crane Counterweight  
 25,000 Lb. Front Bumper Counterweight  
 360 Degree Rating On Fully Extended Outriggers

Designed And Tested  
 With The Intent To  
 Be In The Scope of  
 ANSI B30.5



## 170 Ft. Boom, 150 Ft. Luffing Jib, 60 Ft. Fixed Jib

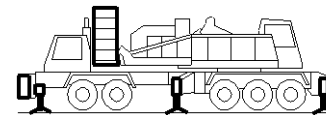
| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle  |                            |                           | 83 Degree Boom Angle  |                            |                           | 70 Degree Boom Angle  |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|-----------------------|----------------------------|---------------------------|-----------------------|----------------------------|---------------------------|-----------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Ang. Deg. | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Ang. Deg. | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Ang. Deg. | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 65                        | 76.0                  | 385.4                      | 14,600 *                  |                       |                            |                           |                       |                            |                           | 65                        |
| 70                        | 74.6                  | 384.0                      | 14,400 *                  |                       |                            |                           |                       |                            |                           | 70                        |
| 75                        | 73.1                  | 382.5                      | 14,100 *                  |                       |                            |                           |                       |                            |                           | 75                        |
| 80                        | 71.7                  | 380.8                      | 13,900 *                  |                       |                            |                           |                       |                            |                           | 80                        |
| 85                        | 70.3                  | 379.0                      | 13,600 *                  |                       |                            |                           |                       |                            |                           | 85                        |
| 90                        | 68.8                  | 377.1                      | 13,400 *                  |                       |                            |                           |                       |                            |                           | 90                        |
| 95                        | 67.3                  | 375.0                      | 13,100 *                  |                       |                            |                           |                       |                            |                           | 95                        |
| 100                       | 65.8                  | 372.8                      | 12,900 *                  | 70.3                  | 377.7                      | 13,200 *                  |                       |                            |                           | 100                       |
| 105                       | 64.3                  | 370.4                      | 12,700 *                  | 68.8                  | 375.8                      | 13,000 *                  |                       |                            |                           | 105                       |
| 110                       | 62.8                  | 367.8                      | 12,500 *                  | 67.3                  | 373.7                      | 12,800 *                  |                       |                            |                           | 110                       |
| 115                       | 61.3                  | 365.1                      | 12,300 *                  | 65.8                  | 371.5                      | 12,700 *                  |                       |                            |                           | 115                       |
| 120                       | 59.7                  | 362.2                      | 12,100 *                  | 64.3                  | 369.1                      | 12,500 *                  |                       |                            |                           | 120                       |
| 125                       | 58.1                  | 359.0                      | 11,900 *                  | 62.8                  | 366.5                      | 12,300 *                  |                       |                            |                           | 125                       |
| 130                       | 56.5                  | 355.7                      | 11,700 *                  | 61.3                  | 363.8                      | 12,100 *                  |                       |                            |                           | 130                       |
| 135                       | 54.8                  | 352.2                      | 11,500 *                  | 59.7                  | 360.9                      | 12,000 *                  |                       |                            |                           | 135                       |
| 140                       | 53.1                  | 348.5                      | 11,100 *                  | 58.1                  | 357.8                      | 11,800 *                  |                       |                            |                           | 140                       |
| 145                       | 51.4                  | 344.5                      | 10,800 *                  | 56.5                  | 354.5                      | 11,600 *                  |                       |                            |                           | 145                       |
| 150                       | 49.6                  | 340.3                      | 10,500 *                  | 54.8                  | 351.0                      | 11,500 *                  |                       |                            |                           | 150                       |
| 155                       | 47.8                  | 335.8                      | 10,200 *                  | 53.1                  | 347.2                      | 11,300 *                  |                       |                            |                           | 155                       |
| 160                       | 45.9                  | 331.0                      | 9,900 *                   | 51.4                  | 343.3                      | 11,000 *                  |                       |                            |                           | 160                       |
| 165                       | 43.9                  | 325.8                      | 9,600 *                   | 49.6                  | 339.0                      | 10,600 *                  |                       |                            |                           | 165                       |
| 170                       | 41.9                  | 320.3                      | 9,300 *                   | 47.8                  | 334.5                      | 10,300 *                  |                       |                            |                           | 170                       |
| 175                       | 39.8                  | 314.4                      | 9,100 *                   | 45.9                  | 329.7                      | 10,000 *                  |                       |                            |                           | 175                       |
| 180                       | 37.6                  | 308.0                      | 8,900 *                   | 43.9                  | 324.6                      | 9,700 *                   | 57.4                  | 347.1                      | 8,400                     | 180                       |
| 185                       | 35.3                  | 301.1                      | 8,700 *                   | 41.9                  | 319.1                      | 9,500 *                   | 55.8                  | 343.7                      | 8,000                     | 185                       |
| 190                       | 32.8                  | 293.5                      | 8,400 *                   | 39.8                  | 313.1                      | 9,200 *                   | 54.1                  | 340.1                      | 7,600                     | 190                       |
| 195                       | 30.2                  | 285.1                      | 8,300 *                   | 37.6                  | 306.7                      | 9,000 *                   | 52.4                  | 336.3                      | 7,200                     | 195                       |
| 200                       | 27.3                  | 275.7                      | 8,100 *                   | 35.3                  | 299.8                      | 8,800 *                   | 50.6                  | 332.2                      | 6,800                     | 200                       |
| 205                       | 24.0                  | 264.9                      | 7,900 *                   | 32.8                  | 292.2                      | 8,600 *                   | 48.8                  | 327.8                      | 6,500                     | 205                       |
| 210                       | 20.3                  | 252.2                      | 7,700 *                   | 30.1                  | 283.8                      | 8,400 *                   | 47.0                  | 323.2                      | 6,200                     | 210                       |
| 220                       | 9.1                   | 212.1                      | 6,800 *                   | 24.0                  | 263.6                      | 8,000 *                   | 43.1                  | 313.0                      | 5,600                     | 220                       |
| 230                       |                       |                            |                           | 15.8                  | 234.9                      | 7,700 *                   | 38.9                  | 301.2                      | 5,000                     | 230                       |
| 240                       |                       |                            |                           |                       |                            |                           | 34.3                  | 287.3                      | 4,500                     | 240                       |
| 250                       |                       |                            |                           |                       |                            |                           | 29.0                  | 270.6                      | 4,100                     | 250                       |

# Liftcrane Fixed Jib Capacities

**777T**

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
Luffing Jib No. 139 On Boom No. 78T With Heavy Lift Top  
95,400 Lb. Crane Counterweight  
25,000 Lb. Front Bumper Counterweight  
360 Degree Rating On Fully Extended Outriggers

Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 170 Ft. Boom, 160 Ft. Luffing Jib, 60 Ft. Fixed Jib

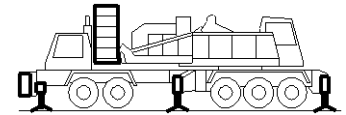
| Fixed Jib<br>Oper.<br>Rad.<br>Feet | 88 Degree<br>Boom Angle        |                                        |                                 | 83 Degree<br>Boom Angle        |                                        |                                 | 70 Degree<br>Boom Angle        |                                        |                                 | Fixed Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|------------------------------------|
|                                    | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds |                                    |
| 70                                 | 75.3                           | 394.4                                  | 13,600 *                        |                                |                                        |                                 |                                |                                        |                                 | 70                                 |
| 75                                 | 73.9                           | 392.9                                  | 13,400 *                        |                                |                                        |                                 |                                |                                        |                                 | 75                                 |
| 80                                 | 72.6                           | 391.4                                  | 13,200 *                        |                                |                                        |                                 |                                |                                        |                                 | 80                                 |
| 85                                 | 71.2                           | 389.7                                  | 13,000 *                        |                                |                                        |                                 |                                |                                        |                                 | 85                                 |
| 90                                 | 69.8                           | 387.8                                  | 12,800 *                        |                                |                                        |                                 |                                |                                        |                                 | 90                                 |
| 95                                 | 68.4                           | 385.8                                  | 12,600 *                        |                                |                                        |                                 |                                |                                        |                                 | 95                                 |
| 100                                | 67.0                           | 383.7                                  | 12,400 *                        |                                |                                        |                                 |                                |                                        |                                 | 100                                |
| 105                                | 65.6                           | 381.5                                  | 12,200 *                        | 69.8                           | 386.5                                  | 12,400 *                        |                                |                                        |                                 | 105                                |
| 110                                | 64.1                           | 379.0                                  | 12,000 *                        | 68.4                           | 384.6                                  | 12,200 *                        |                                |                                        |                                 | 110                                |
| 115                                | 62.7                           | 376.5                                  | 11,800 *                        | 67.0                           | 382.5                                  | 12,100 *                        |                                |                                        |                                 | 115                                |
| 120                                | 61.2                           | 373.7                                  | 11,600 *                        | 65.6                           | 380.2                                  | 11,900 *                        |                                |                                        |                                 | 120                                |
| 125                                | 59.7                           | 370.8                                  | 11,500 *                        | 64.1                           | 377.8                                  | 11,800 *                        |                                |                                        |                                 | 125                                |
| 130                                | 58.2                           | 367.7                                  | 11,300 *                        | 62.7                           | 375.2                                  | 11,600 *                        |                                |                                        |                                 | 130                                |
| 135                                | 56.6                           | 364.4                                  | 11,100 *                        | 61.2                           | 372.4                                  | 11,500 *                        |                                |                                        |                                 | 135                                |
| 140                                | 55.1                           | 361.0                                  | 10,900 *                        | 59.7                           | 369.5                                  | 11,300 *                        |                                |                                        |                                 | 140                                |
| 145                                | 53.4                           | 357.3                                  | 10,600 *                        | 58.2                           | 366.4                                  | 11,200 *                        |                                |                                        |                                 | 145                                |
| 150                                | 51.8                           | 353.4                                  | 10,300 *                        | 56.6                           | 363.2                                  | 11,000 *                        |                                |                                        |                                 | 150                                |
| 155                                | 50.1                           | 349.2                                  | 10,000 *                        | 55.0                           | 359.7                                  | 10,900 *                        |                                |                                        |                                 | 155                                |
| 160                                | 48.4                           | 344.8                                  | 9,700 *                         | 53.4                           | 356.0                                  | 10,800 *                        |                                |                                        |                                 | 160                                |
| 165                                | 46.6                           | 340.1                                  | 9,500 *                         | 51.8                           | 352.1                                  | 10,500 *                        |                                |                                        |                                 | 165                                |
| 170                                | 44.8                           | 335.1                                  | 9,200 *                         | 50.1                           | 347.9                                  | 10,200 *                        |                                |                                        |                                 | 170                                |
| 175                                | 42.9                           | 329.8                                  | 9,000 *                         | 48.4                           | 343.5                                  | 9,900 *                         |                                |                                        |                                 | 175                                |
| 180                                | 40.9                           | 324.0                                  | 8,700 *                         | 46.6                           | 338.8                                  | 9,600 *                         |                                |                                        |                                 | 180                                |
| 185                                | 38.8                           | 317.9                                  | 8,500 *                         | 44.8                           | 333.8                                  | 9,300 *                         | 57.5                           | 355.8                                  | 7,600                           | 185                                |
| 190                                | 36.7                           | 311.3                                  | 8,300 *                         | 42.9                           | 328.5                                  | 9,100 *                         | 56.0                           | 352.4                                  | 7,200                           | 190                                |
| 195                                | 34.4                           | 304.1                                  | 8,100 *                         | 40.9                           | 322.8                                  | 8,900 *                         | 54.4                           | 348.8                                  | 6,800                           | 195                                |
| 200                                | 32.0                           | 296.3                                  | 8,000 *                         | 38.8                           | 316.6                                  | 8,700 *                         | 52.7                           | 345.0                                  | 6,400                           | 200                                |
| 205                                | 29.4                           | 287.7                                  | 7,800 *                         | 36.7                           | 310.0                                  | 8,500 *                         | 51.1                           | 341.0                                  | 6,100                           | 205                                |
| 210                                | 26.6                           | 278.0                                  | 7,600 *                         | 34.4                           | 302.8                                  | 8,300 *                         | 49.4                           | 336.8                                  | 5,800                           | 210                                |
| 220                                | 19.8                           | 253.9                                  | 7,300 *                         | 29.4                           | 286.4                                  | 7,900 *                         | 45.8                           | 327.4                                  | 5,200                           | 220                                |
| 230                                | 8.9                            | 212.8                                  | 5,700 *                         | 23.5                           | 265.6                                  | 7,300 *                         | 42.0                           | 316.8                                  | 4,700                           | 230                                |
| 240                                |                                |                                        |                                 | 15.4                           | 236.2                                  | 6,600 *                         | 38.0                           | 304.6                                  | 4,200                           | 240                                |

# Liftcrane Fixed Jib Capacities

**777T**

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
 Luffing Jib No. 139 On Boom No. 78T With Heavy Lift Top  
 95,400 Lb. Crane Counterweight  
 25,000 Lb. Front Bumper Counterweight  
 360 Degree Rating On Fully Extended Outriggers

Designed And Tested  
 With The Intent To  
 Be In The Scope of  
 ANSI B30.5



## 170 Ft. Boom, 170 Ft. Luffing Jib, 60 Ft. Fixed Jib

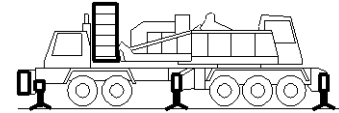
| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle  |                            |                           | 83 Degree Boom Angle  |                            |                           | 70 Degree Boom Angle  |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|-----------------------|----------------------------|---------------------------|-----------------------|----------------------------|---------------------------|-----------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Ang. Deg. | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Ang. Deg. | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Ang. Deg. | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 70                        | 75.9                  | 404.7                      | 12,800 *                  |                       |                            |                           |                       |                            |                           | 70                        |
| 75                        | 74.6                  | 403.4                      | 12,600 *                  |                       |                            |                           |                       |                            |                           | 75                        |
| 80                        | 73.3                  | 401.9                      | 12,400 *                  |                       |                            |                           |                       |                            |                           | 80                        |
| 85                        | 72.0                  | 400.2                      | 12,300 *                  |                       |                            |                           |                       |                            |                           | 85                        |
| 90                        | 70.7                  | 398.5                      | 12,100 *                  |                       |                            |                           |                       |                            |                           | 90                        |
| 95                        | 69.4                  | 396.6                      | 11,900 *                  |                       |                            |                           |                       |                            |                           | 95                        |
| 100                       | 68.1                  | 394.6                      | 11,700 *                  |                       |                            |                           |                       |                            |                           | 100                       |
| 105                       | 66.7                  | 392.5                      | 11,600 *                  | 70.7                  | 397.2                      | 11,700 *                  |                       |                            |                           | 105                       |
| 110                       | 65.3                  | 390.2                      | 11,400 *                  | 69.4                  | 395.3                      | 11,600 *                  |                       |                            |                           | 110                       |
| 115                       | 64.0                  | 387.7                      | 11,200 *                  | 68.1                  | 393.3                      | 11,400 *                  |                       |                            |                           | 115                       |
| 120                       | 62.6                  | 385.1                      | 11,000 *                  | 66.7                  | 391.2                      | 11,300 *                  |                       |                            |                           | 120                       |
| 125                       | 61.2                  | 382.4                      | 10,900 *                  | 65.3                  | 388.9                      | 11,100 *                  |                       |                            |                           | 125                       |
| 130                       | 59.7                  | 379.5                      | 10,800 *                  | 64.0                  | 386.4                      | 11,000 *                  |                       |                            |                           | 130                       |
| 135                       | 58.3                  | 376.4                      | 10,600 *                  | 62.6                  | 383.9                      | 10,900 *                  |                       |                            |                           | 135                       |
| 140                       | 56.8                  | 373.1                      | 10,500 *                  | 61.2                  | 381.1                      | 10,700 *                  |                       |                            |                           | 140                       |
| 145                       | 55.3                  | 369.7                      | 10,300 *                  | 59.7                  | 378.2                      | 10,600 *                  |                       |                            |                           | 145                       |
| 150                       | 53.7                  | 366.0                      | 10,100 *                  | 58.3                  | 375.1                      | 10,500 *                  |                       |                            |                           | 150                       |
| 155                       | 52.2                  | 362.2                      | 9,800 *                   | 56.8                  | 371.9                      | 10,400 *                  |                       |                            |                           | 155                       |
| 160                       | 50.6                  | 358.1                      | 9,500 *                   | 55.3                  | 368.4                      | 10,300 *                  |                       |                            |                           | 160                       |
| 165                       | 48.9                  | 353.7                      | 9,300 *                   | 53.7                  | 364.7                      | 10,200 *                  |                       |                            |                           | 165                       |
| 170                       | 47.2                  | 349.1                      | 9,000 *                   | 52.2                  | 360.9                      | 9,900 *                   |                       |                            |                           | 170                       |
| 175                       | 45.5                  | 344.3                      | 8,800 *                   | 50.6                  | 356.8                      | 9,700 *                   |                       |                            |                           | 175                       |
| 180                       | 43.7                  | 339.1                      | 8,600 *                   | 48.9                  | 352.5                      | 9,400 *                   |                       |                            |                           | 180                       |
| 185                       | 41.9                  | 333.6                      | 8,400 *                   | 47.2                  | 347.9                      | 9,100 *                   |                       |                            |                           | 185                       |
| 190                       | 40.0                  | 327.7                      | 8,200 *                   | 45.5                  | 343.0                      | 8,900 *                   | 57.6                  | 364.4                      | 6,900                     | 190                       |
| 195                       | 38.0                  | 321.3                      | 8,000 *                   | 43.7                  | 337.8                      | 8,700 *                   | 56.1                  | 361.1                      | 6,500                     | 195                       |
| 200                       | 35.9                  | 314.5                      | 7,800 *                   | 41.9                  | 332.3                      | 8,500 *                   | 54.6                  | 357.6                      | 6,200                     | 200                       |
| 205                       | 33.6                  | 307.1                      | 7,600 *                   | 39.9                  | 326.4                      | 8,300 *                   | 53.1                  | 353.8                      | 5,800                     | 205                       |
| 210                       | 31.3                  | 299.1                      | 7,500 *                   | 37.9                  | 320.0                      | 8,100 *                   | 51.5                  | 349.9                      | 5,500                     | 210                       |
| 220                       | 26.0                  | 280.3                      | 7,200 *                   | 33.6                  | 305.8                      | 7,700 *                   | 48.2                  | 341.2                      | 4,900                     | 220                       |
| 230                       | 19.4                  | 255.6                      | 6,400 *                   | 28.8                  | 288.9                      | 6,900 *                   | 44.8                  | 331.5                      | 4,400                     | 230                       |
| 240                       | 8.6                   | 213.5                      | 4,800 *                   | 22.9                  | 267.6                      | 6,200 *                   |                       |                            |                           | 240                       |
| 250                       |                       |                            |                           | 15.0                  | 237.4                      | 5,600 *                   |                       |                            |                           | 250                       |

# Liftcrane Fixed Jib Capacities

**777T**

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
Luffing Jib No. 139 On Boom No. 78T With Heavy Lift Top  
95,400 Lb. Crane Counterweight  
25,000 Lb. Front Bumper Counterweight  
360 Degree Rating On Fully Extended Outriggers

Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 180 Ft. Boom, 140 Ft. Luffing Jib, 30 Ft. Fixed Jib

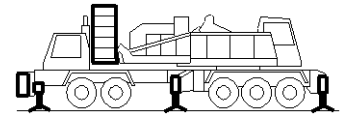
| Fixed<br>Jib<br>Oper.<br>Rad.<br>Feet | 88 Degree<br>Boom Angle        |                                        |                                 | 83 Degree<br>Boom Angle        |                                        |                                 | 70 Degree<br>Boom Angle        |                                        |                                 | Fixed<br>Jib<br>Oper.<br>Rad.<br>Feet |
|---------------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|---------------------------------------|
|                                       | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds |                                       |
| 60                                    | 74.1                           | 355.3                                  | 25,800 *                        |                                |                                        |                                 |                                |                                        |                                 | 60                                    |
| 65                                    | 72.4                           | 353.8                                  | 25,600 *                        |                                |                                        |                                 |                                |                                        |                                 | 65                                    |
| 70                                    | 70.6                           | 352.0                                  | 25,400 *                        |                                |                                        |                                 |                                |                                        |                                 | 70                                    |
| 75                                    | 68.8                           | 350.1                                  | 24,900 *                        |                                |                                        |                                 |                                |                                        |                                 | 75                                    |
| 80                                    | 67.0                           | 348.1                                  | 24,300 *                        |                                |                                        |                                 |                                |                                        |                                 | 80                                    |
| 85                                    | 65.1                           | 345.8                                  | 23,600 *                        | 70.9                           | 351.0                                  | 24,600 *                        |                                |                                        |                                 | 85                                    |
| 90                                    | 63.3                           | 343.3                                  | 22,900 *                        | 69.1                           | 349.1                                  | 24,600 *                        |                                |                                        |                                 | 90                                    |
| 95                                    | 61.4                           | 340.6                                  | 22,200 *                        | 67.3                           | 347.1                                  | 24,500 *                        |                                |                                        |                                 | 95                                    |
| 100                                   | 59.4                           | 337.7                                  | 21,500 *                        | 65.5                           | 344.8                                  | 24,400 *                        |                                |                                        |                                 | 100                                   |
| 105                                   | 57.5                           | 334.6                                  | 20,800 *                        | 63.6                           | 342.4                                  | 24,300 *                        |                                |                                        |                                 | 105                                   |
| 110                                   | 55.4                           | 331.2                                  | 20,000 *                        | 61.7                           | 339.8                                  | 23,600 *                        |                                |                                        |                                 | 110                                   |
| 115                                   | 53.4                           | 327.5                                  | 19,300 *                        | 59.8                           | 336.9                                  | 22,700 *                        |                                |                                        |                                 | 115                                   |
| 120                                   | 51.2                           | 323.6                                  | 18,600 *                        | 57.8                           | 333.8                                  | 21,900 *                        |                                |                                        |                                 | 120                                   |
| 125                                   | 49.0                           | 319.3                                  | 17,800 *                        | 55.8                           | 330.4                                  | 21,100 *                        |                                |                                        |                                 | 125                                   |
| 130                                   | 46.7                           | 314.7                                  | 17,100 *                        | 53.7                           | 326.8                                  | 19,900 *                        |                                |                                        |                                 | 130                                   |
| 135                                   | 44.4                           | 309.7                                  | 16,400 *                        | 51.6                           | 322.9                                  | 18,800 *                        |                                |                                        |                                 | 135                                   |
| 140                                   | 41.9                           | 304.3                                  | 15,700 *                        | 49.4                           | 318.7                                  | 17,800 *                        |                                |                                        |                                 | 140                                   |
| 145                                   | 39.3                           | 298.3                                  | 15,000 *                        | 47.1                           | 314.2                                  | 16,800 *                        |                                |                                        |                                 | 145                                   |
| 150                                   | 36.5                           | 291.8                                  | 14,400 *                        | 44.8                           | 309.3                                  | 15,900 *                        |                                |                                        |                                 | 150                                   |
| 155                                   | 33.6                           | 284.5                                  | 13,800 *                        | 42.3                           | 303.9                                  | 15,100 *                        |                                |                                        |                                 | 155                                   |
| 160                                   | 30.4                           | 276.3                                  | 13,200 *                        | 39.8                           | 298.0                                  | 14,300 *                        | 57.8                           | 324.0                                  | 9,300 *                         | 160                                   |
| 165                                   | 26.8                           | 266.9                                  | 12,500 *                        | 37.0                           | 291.6                                  | 13,600 *                        | 55.8                           | 320.7                                  | 8,900 *                         | 165                                   |
| 170                                   | 22.7                           | 255.8                                  | 12,000 *                        | 34.1                           | 284.5                                  | 12,900 *                        | 53.8                           | 317.1                                  | 8,500 *                         | 170                                   |
| 175                                   | 17.7                           | 241.8                                  | 11,500 *                        | 30.9                           | 276.4                                  | 12,300 *                        | 51.6                           | 313.2                                  | 8,100 *                         | 175                                   |
| 180                                   | 10.6                           | 221.0                                  | 10,300 *                        | 27.4                           | 267.3                                  | 11,700 *                        | 49.5                           | 309.0                                  | 7,800 *                         | 180                                   |
| 185                                   |                                |                                        |                                 | 23.4                           | 256.5                                  | 11,100 *                        | 47.2                           | 304.4                                  | 7,400                           | 185                                   |
| 190                                   |                                |                                        |                                 | 18.7                           | 243.1                                  | 10,600 *                        | 44.8                           | 299.5                                  | 7,000                           | 190                                   |
| 195                                   |                                |                                        |                                 | 12.1                           | 224.2                                  | 10,100 *                        | 42.4                           | 294.2                                  | 6,700                           | 195                                   |
| 200                                   |                                |                                        |                                 |                                |                                        |                                 | 39.8                           | 288.3                                  | 6,300                           | 200                                   |
| 205                                   |                                |                                        |                                 |                                |                                        |                                 | 37.1                           | 281.9                                  | 6,000                           | 205                                   |
| 210                                   |                                |                                        |                                 |                                |                                        |                                 | 34.2                           | 274.8                                  | 5,700                           | 210                                   |
| 220                                   |                                |                                        |                                 |                                |                                        |                                 | 27.5                           | 257.6                                  | 5,100                           | 220                                   |
| 230                                   |                                |                                        |                                 |                                |                                        |                                 | 18.8                           | 233.6                                  | 4,500                           | 230                                   |

# Liftcrane Fixed Jib Capacities

**777T**

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
Luffing Jib No. 139 On Boom No. 78T With Heavy Lift Top  
95,400 Lb. Crane Counterweight  
25,000 Lb. Front Bumper Counterweight  
360 Degree Rating On Fully Extended Outriggers

Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 180 Ft. Boom, 150 Ft. Luffing Jib, 30 Ft. Fixed Jib

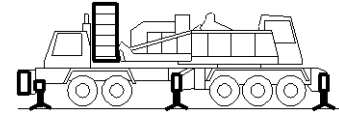
| Fixed Jib<br>Oper.<br>Rad.<br>Feet | 88 Degree<br>Boom Angle        |                                        |                                 | 83 Degree<br>Boom Angle        |                                        |                                 | 70 Degree<br>Boom Angle        |                                        |                                 | Fixed Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|------------------------------------|
|                                    | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds |                                    |
| 60                                 | 75.0                           | 365.7                                  | 23,700 *                        |                                |                                        |                                 |                                |                                        |                                 | 60                                 |
| 65                                 | 73.4                           | 364.3                                  | 23,500 *                        |                                |                                        |                                 |                                |                                        |                                 | 65                                 |
| 70                                 | 71.7                           | 362.6                                  | 23,400 *                        |                                |                                        |                                 |                                |                                        |                                 | 70                                 |
| 75                                 | 70.0                           | 360.9                                  | 23,000 *                        |                                |                                        |                                 |                                |                                        |                                 | 75                                 |
| 80                                 | 68.3                           | 358.9                                  | 22,500 *                        |                                |                                        |                                 |                                |                                        |                                 | 80                                 |
| 85                                 | 66.6                           | 356.8                                  | 21,900 *                        |                                |                                        |                                 |                                |                                        |                                 | 85                                 |
| 90                                 | 64.9                           | 354.5                                  | 21,400 *                        | 70.3                           | 359.8                                  | 22,000 *                        |                                |                                        |                                 | 90                                 |
| 95                                 | 63.1                           | 352.0                                  | 20,800 *                        | 68.6                           | 357.9                                  | 22,000 *                        |                                |                                        |                                 | 95                                 |
| 100                                | 61.3                           | 349.3                                  | 20,200 *                        | 66.9                           | 355.8                                  | 21,900 *                        |                                |                                        |                                 | 100                                |
| 105                                | 59.5                           | 346.4                                  | 19,500 *                        | 65.2                           | 353.5                                  | 21,800 *                        |                                |                                        |                                 | 105                                |
| 110                                | 57.6                           | 343.2                                  | 18,900 *                        | 63.4                           | 351.1                                  | 21,800 *                        |                                |                                        |                                 | 110                                |
| 115                                | 55.7                           | 339.9                                  | 18,300 *                        | 61.6                           | 348.4                                  | 21,500 *                        |                                |                                        |                                 | 115                                |
| 120                                | 53.7                           | 336.3                                  | 17,700 *                        | 59.8                           | 345.5                                  | 21,400 *                        |                                |                                        |                                 | 120                                |
| 125                                | 51.7                           | 332.4                                  | 17,100 *                        | 57.9                           | 342.5                                  | 20,700 *                        |                                |                                        |                                 | 125                                |
| 130                                | 49.7                           | 328.2                                  | 16,400 *                        | 56.0                           | 339.1                                  | 19,700 *                        |                                |                                        |                                 | 130                                |
| 135                                | 47.6                           | 323.7                                  | 15,800 *                        | 54.1                           | 335.6                                  | 18,600 *                        |                                |                                        |                                 | 135                                |
| 140                                | 45.3                           | 318.9                                  | 15,200 *                        | 52.1                           | 331.8                                  | 17,500 *                        |                                |                                        |                                 | 140                                |
| 145                                | 43.1                           | 313.7                                  | 14,600 *                        | 50.0                           | 327.6                                  | 16,600 *                        |                                |                                        |                                 | 145                                |
| 150                                | 40.7                           | 308.0                                  | 14,100 *                        | 47.9                           | 323.2                                  | 15,700 *                        |                                |                                        |                                 | 150                                |
| 155                                | 38.1                           | 301.8                                  | 13,500 *                        | 45.7                           | 318.4                                  | 14,900 *                        |                                |                                        |                                 | 155                                |
| 160                                | 35.5                           | 295.0                                  | 13,000 *                        | 43.5                           | 313.3                                  | 14,100 *                        |                                |                                        |                                 | 160                                |
| 165                                | 32.6                           | 287.4                                  | 12,400 *                        | 41.1                           | 307.7                                  | 13,400 *                        | 58.0                           | 332.7                                  | 8,600 *                         | 165                                |
| 170                                | 29.5                           | 278.9                                  | 11,900 *                        | 38.6                           | 301.5                                  | 12,700 *                        | 56.1                           | 329.4                                  | 8,200 *                         | 170                                |
| 175                                | 26.0                           | 269.2                                  | 11,400 *                        | 35.9                           | 294.8                                  | 12,100 *                        | 54.1                           | 325.8                                  | 7,900 *                         | 175                                |
| 180                                | 22.0                           | 257.7                                  | 11,000 *                        | 33.1                           | 287.4                                  | 11,500 *                        | 52.1                           | 322.0                                  | 7,500 *                         | 180                                |
| 185                                | 17.2                           | 243.2                                  | 10,600 *                        | 30.0                           | 279.1                                  | 10,900 *                        | 50.1                           | 317.9                                  | 7,200 *                         | 185                                |
| 190                                | 10.3                           | 221.9                                  | 9,000 *                         | 26.6                           | 269.6                                  | 10,400 *                        | 48.0                           | 313.4                                  | 6,900 *                         | 190                                |
| 195                                |                                |                                        |                                 | 22.8                           | 258.5                                  | 9,900 *                         | 45.8                           | 308.7                                  | 6,500 *                         | 195                                |
| 200                                |                                |                                        |                                 | 18.1                           | 244.7                                  | 9,400 *                         | 43.5                           | 303.5                                  | 6,200 *                         | 200                                |
| 205                                |                                |                                        |                                 | 11.7                           | 225.2                                  | 8,900 *                         | 41.1                           | 297.9                                  | 5,800 *                         | 205                                |
| 210                                |                                |                                        |                                 |                                |                                        |                                 | 38.6                           | 291.8                                  | 5,500                           | 210                                |
| 220                                |                                |                                        |                                 |                                |                                        |                                 | 33.2                           | 277.7                                  | 4,900                           | 220                                |
| 230                                |                                |                                        |                                 |                                |                                        |                                 | 26.7                           | 260.0                                  | 4,400                           | 230                                |

# Liftcrane Fixed Jib Capacities

**777T**

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
Luffing Jib No. 139 On Boom No. 78T With Heavy Lift Top  
95,400 Lb. Crane Counterweight  
25,000 Lb. Front Bumper Counterweight  
360 Degree Rating On Fully Extended Outriggers

Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 180 Ft. Boom, 160 Ft. Luffing Jib, 30 Ft. Fixed Jib

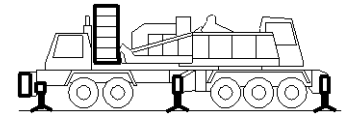
| Fixed Jib<br>Oper.<br>Rad.<br>Feet | 88 Degree<br>Boom Angle        |                                        |                                 | 83 Degree<br>Boom Angle        |                                        |                                 | 70 Degree<br>Boom Angle        |                                        |                                 | Fixed Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|------------------------------------|
|                                    | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds |                                    |
| 60                                 | 75.8                           | 376.1                                  | 21,400 *                        |                                |                                        |                                 |                                |                                        |                                 | 60                                 |
| 65                                 | 74.3                           | 374.7                                  | 21,300 *                        |                                |                                        |                                 |                                |                                        |                                 | 65                                 |
| 70                                 | 72.7                           | 373.2                                  | 21,000 *                        |                                |                                        |                                 |                                |                                        |                                 | 70                                 |
| 75                                 | 71.1                           | 371.5                                  | 20,700 *                        |                                |                                        |                                 |                                |                                        |                                 | 75                                 |
| 80                                 | 69.5                           | 369.7                                  | 20,600 *                        |                                |                                        |                                 |                                |                                        |                                 | 80                                 |
| 85                                 | 67.9                           | 367.7                                  | 20,200 *                        |                                |                                        |                                 |                                |                                        |                                 | 85                                 |
| 90                                 | 66.3                           | 365.5                                  | 19,700 *                        |                                |                                        |                                 |                                |                                        |                                 | 90                                 |
| 95                                 | 64.6                           | 363.2                                  | 19,200 *                        | 69.8                           | 368.6                                  | 19,600 *                        |                                |                                        |                                 | 95                                 |
| 100                                | 62.9                           | 360.6                                  | 18,700 *                        | 68.2                           | 366.7                                  | 19,500 *                        |                                |                                        |                                 | 100                                |
| 105                                | 61.2                           | 357.9                                  | 18,200 *                        | 66.6                           | 364.5                                  | 19,400 *                        |                                |                                        |                                 | 105                                |
| 110                                | 59.5                           | 355.0                                  | 17,700 *                        | 64.9                           | 362.2                                  | 19,300 *                        |                                |                                        |                                 | 110                                |
| 115                                | 57.7                           | 351.9                                  | 17,200 *                        | 63.2                           | 359.7                                  | 19,100 *                        |                                |                                        |                                 | 115                                |
| 120                                | 55.9                           | 348.6                                  | 16,700 *                        | 61.5                           | 357.1                                  | 19,000 *                        |                                |                                        |                                 | 120                                |
| 125                                | 54.1                           | 345.0                                  | 16,100 *                        | 59.8                           | 354.2                                  | 19,000 *                        |                                |                                        |                                 | 125                                |
| 130                                | 52.2                           | 341.2                                  | 15,600 *                        | 58.0                           | 351.1                                  | 18,800 *                        |                                |                                        |                                 | 130                                |
| 135                                | 50.3                           | 337.1                                  | 15,100 *                        | 56.2                           | 347.8                                  | 18,100 *                        |                                |                                        |                                 | 135                                |
| 140                                | 48.3                           | 332.7                                  | 14,600 *                        | 54.4                           | 344.3                                  | 17,100 *                        |                                |                                        |                                 | 140                                |
| 145                                | 46.2                           | 328.0                                  | 14,100 *                        | 52.5                           | 340.5                                  | 16,100 *                        |                                |                                        |                                 | 145                                |
| 150                                | 44.1                           | 323.0                                  | 13,600 *                        | 50.6                           | 336.5                                  | 15,200 *                        |                                |                                        |                                 | 150                                |
| 155                                | 41.8                           | 317.5                                  | 13,100 *                        | 48.6                           | 332.2                                  | 14,400 *                        |                                |                                        |                                 | 155                                |
| 160                                | 39.5                           | 311.6                                  | 12,600 *                        | 46.6                           | 327.5                                  | 13,700 *                        |                                |                                        |                                 | 160                                |
| 165                                | 37.1                           | 305.1                                  | 12,100 *                        | 44.4                           | 322.5                                  | 12,900 *                        |                                |                                        |                                 | 165                                |
| 170                                | 34.5                           | 298.1                                  | 11,700 *                        | 42.2                           | 317.1                                  | 12,300 *                        |                                |                                        |                                 | 170                                |
| 175                                | 31.7                           | 290.2                                  | 11,300 *                        | 39.9                           | 311.3                                  | 11,600 *                        | 56.3                           | 338.0                                  | 7,300 *                         | 175                                |
| 180                                | 28.7                           | 281.5                                  | 10,800 *                        | 37.5                           | 304.9                                  | 11,000 *                        | 54.4                           | 334.5                                  | 7,000 *                         | 180                                |
| 185                                | 25.3                           | 271.4                                  | 10,400 *                        | 34.9                           | 298.0                                  | 10,500 *                        | 52.6                           | 330.8                                  | 6,700 *                         | 185                                |
| 190                                | 21.4                           | 259.6                                  | 9,800 *                         | 32.2                           | 290.3                                  | 9,900 *                         | 50.6                           | 326.7                                  | 6,300 *                         | 190                                |
| 195                                | 16.7                           | 244.7                                  | 9,200 *                         | 29.2                           | 281.7                                  | 9,400 *                         | 48.7                           | 322.4                                  | 6,000 *                         | 195                                |
| 200                                | 10.0                           | 222.7                                  | 7,700 *                         | 25.9                           | 271.9                                  | 8,900 *                         | 46.6                           | 317.8                                  | 5,700 *                         | 200                                |
| 205                                |                                |                                        |                                 | 22.1                           | 260.4                                  | 8,500 *                         | 44.5                           | 312.8                                  | 5,400 *                         | 205                                |
| 210                                |                                |                                        |                                 | 17.6                           | 246.2                                  | 8,100 *                         | 42.3                           | 307.4                                  | 5,100 *                         | 210                                |
| 220                                |                                |                                        |                                 |                                |                                        |                                 | 37.6                           | 295.2                                  | 4,600                           | 220                                |
| 230                                |                                |                                        |                                 |                                |                                        |                                 | 32.2                           | 280.6                                  | 4,000                           | 230                                |

# Liftcrane Fixed Jib Capacities

**777T**

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
Luffing Jib No. 139 On Boom No. 78T With Heavy Lift Top  
95,400 Lb. Crane Counterweight  
25,000 Lb. Front Bumper Counterweight  
360 Degree Rating On Fully Extended Outriggers

Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 180 Ft. Boom, 170 Ft. Luffing Jib, 30 Ft. Fixed Jib

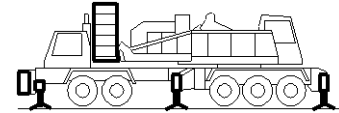
| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle  |                            |                           | 83 Degree Boom Angle  |                            |                           | 70 Degree Boom Angle  |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|-----------------------|----------------------------|---------------------------|-----------------------|----------------------------|---------------------------|-----------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Ang. Deg. | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Ang. Deg. | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Ang. Deg. | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 65                        | 75.1                  | 385.1                      | 19,100 *                  |                       |                            |                           |                       |                            |                           | 65                        |
| 70                        | 73.6                  | 383.7                      | 18,800 *                  |                       |                            |                           |                       |                            |                           | 70                        |
| 75                        | 72.1                  | 382.1                      | 18,600 *                  |                       |                            |                           |                       |                            |                           | 75                        |
| 80                        | 70.6                  | 380.3                      | 18,400 *                  |                       |                            |                           |                       |                            |                           | 80                        |
| 85                        | 69.1                  | 378.4                      | 18,200 *                  |                       |                            |                           |                       |                            |                           | 85                        |
| 90                        | 67.5                  | 376.4                      | 18,000 *                  |                       |                            |                           |                       |                            |                           | 90                        |
| 95                        | 66.0                  | 374.2                      | 17,700 *                  | 70.8                  | 379.3                      | 17,500 *                  |                       |                            |                           | 95                        |
| 100                       | 64.4                  | 371.8                      | 17,300 *                  | 69.3                  | 377.4                      | 17,400 *                  |                       |                            |                           | 100                       |
| 105                       | 62.8                  | 369.3                      | 16,900 *                  | 67.8                  | 375.4                      | 17,300 *                  |                       |                            |                           | 105                       |
| 110                       | 61.2                  | 366.6                      | 16,500 *                  | 66.2                  | 373.3                      | 17,100 *                  |                       |                            |                           | 110                       |
| 115                       | 59.5                  | 363.7                      | 16,000 *                  | 64.7                  | 370.9                      | 17,000 *                  |                       |                            |                           | 115                       |
| 120                       | 57.8                  | 360.6                      | 15,600 *                  | 63.1                  | 368.4                      | 16,900 *                  |                       |                            |                           | 120                       |
| 125                       | 56.1                  | 357.3                      | 15,200 *                  | 61.5                  | 365.7                      | 16,700 *                  |                       |                            |                           | 125                       |
| 130                       | 54.4                  | 353.8                      | 14,700 *                  | 59.8                  | 362.9                      | 16,600 *                  |                       |                            |                           | 130                       |
| 135                       | 52.6                  | 350.0                      | 14,300 *                  | 58.1                  | 359.8                      | 16,500 *                  |                       |                            |                           | 135                       |
| 140                       | 50.8                  | 346.0                      | 13,800 *                  | 56.4                  | 356.5                      | 16,400 *                  |                       |                            |                           | 140                       |
| 145                       | 48.9                  | 341.7                      | 13,400 *                  | 54.7                  | 353.0                      | 15,700 *                  |                       |                            |                           | 145                       |
| 150                       | 47.0                  | 337.1                      | 13,000 *                  | 52.9                  | 349.3                      | 14,900 *                  |                       |                            |                           | 150                       |
| 155                       | 45.0                  | 332.2                      | 12,500 *                  | 51.1                  | 345.3                      | 14,100 *                  |                       |                            |                           | 155                       |
| 160                       | 42.9                  | 326.9                      | 12,100 *                  | 49.2                  | 341.1                      | 13,300 *                  |                       |                            |                           | 160                       |
| 165                       | 40.7                  | 321.2                      | 11,700 *                  | 47.3                  | 336.6                      | 12,600 *                  |                       |                            |                           | 165                       |
| 170                       | 38.5                  | 315.1                      | 11,300 *                  | 45.3                  | 331.7                      | 11,900 *                  |                       |                            |                           | 170                       |
| 175                       | 36.1                  | 308.4                      | 11,000 *                  | 43.3                  | 326.5                      | 11,300 *                  |                       |                            |                           | 175                       |
| 180                       | 33.6                  | 301.1                      | 10,600 *                  | 41.1                  | 320.9                      | 10,700 *                  | 56.5                  | 346.7                      | 6,700 *                   | 180                       |
| 185                       | 30.9                  | 293.0                      | 10,200 *                  | 38.9                  | 314.8                      | 10,100 *                  | 54.7                  | 343.3                      | 6,400 *                   | 185                       |
| 190                       | 27.9                  | 283.9                      | 9,600 *                   | 36.5                  | 308.2                      | 9,600 *                   | 53.0                  | 339.5                      | 6,100 *                   | 190                       |
| 195                       | 24.6                  | 273.6                      | 9,000 *                   | 34.0                  | 301.0                      | 9,100 *                   | 51.1                  | 335.6                      | 5,800 *                   | 195                       |
| 200                       | 20.9                  | 261.4                      | 8,400 *                   | 31.3                  | 293.1                      | 8,600 *                   | 49.3                  | 331.3                      | 5,400 *                   | 200                       |
| 205                       | 16.3                  | 246.1                      | 7,900 *                   | 28.4                  | 284.2                      | 8,100 *                   | 47.3                  | 326.8                      | 5,200 *                   | 205                       |
| 210                       | 9.7                   | 223.6                      | 6,500 *                   | 25.2                  | 274.1                      | 7,700 *                   | 45.4                  | 322.0                      | 4,800 *                   | 210                       |
| 220                       |                       |                            |                           | 17.2                  | 247.7                      | 6,900 *                   | 41.2                  | 311.1                      | 4,300 *                   | 220                       |

# Liftcrane Fixed Jib Capacities

**777T**

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
Luffing Jib No. 139 On Boom No. 78T With Heavy Lift Top  
95,400 Lb. Crane Counterweight  
25,000 Lb. Front Bumper Counterweight  
360 Degree Rating On Fully Extended Outriggers

Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 180 Ft. Boom, 140 Ft. Luffing Jib, 40 Ft. Fixed Jib

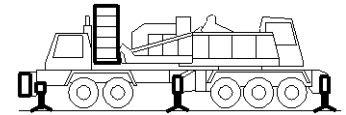
| Fixed Jib<br>Oper.<br>Rad.<br>Feet | 88 Degree<br>Boom Angle        |                                        |                                 | 83 Degree<br>Boom Angle        |                                        |                                 | 70 Degree<br>Boom Angle        |                                        |                                 | Fixed Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|------------------------------------|
|                                    | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds |                                    |
| 60                                 | 75.4                           | 365.7                                  | 21,700 *                        |                                |                                        |                                 |                                |                                        |                                 | 60                                 |
| 65                                 | 73.8                           | 364.2                                  | 21,400 *                        |                                |                                        |                                 |                                |                                        |                                 | 65                                 |
| 70                                 | 72.1                           | 362.6                                  | 21,200 *                        |                                |                                        |                                 |                                |                                        |                                 | 70                                 |
| 75                                 | 70.4                           | 360.8                                  | 21,000 *                        |                                |                                        |                                 |                                |                                        |                                 | 75                                 |
| 80                                 | 68.7                           | 358.9                                  | 20,800 *                        |                                |                                        |                                 |                                |                                        |                                 | 80                                 |
| 85                                 | 67.0                           | 356.7                                  | 20,600 *                        |                                |                                        |                                 |                                |                                        |                                 | 85                                 |
| 90                                 | 65.3                           | 354.4                                  | 20,300 *                        | 70.7                           | 359.8                                  | 21,000 *                        |                                |                                        |                                 | 90                                 |
| 95                                 | 63.5                           | 351.9                                  | 19,500 *                        | 69.0                           | 357.9                                  | 20,900 *                        |                                |                                        |                                 | 95                                 |
| 100                                | 61.7                           | 349.2                                  | 18,700 *                        | 67.3                           | 355.8                                  | 20,800 *                        |                                |                                        |                                 | 100                                |
| 105                                | 59.9                           | 346.3                                  | 18,100 *                        | 65.6                           | 353.5                                  | 20,600 *                        |                                |                                        |                                 | 105                                |
| 110                                | 58.0                           | 343.2                                  | 17,400 *                        | 63.8                           | 351.0                                  | 20,100 *                        |                                |                                        |                                 | 110                                |
| 115                                | 56.1                           | 339.8                                  | 16,800 *                        | 62.0                           | 348.4                                  | 19,300 *                        |                                |                                        |                                 | 115                                |
| 120                                | 54.2                           | 336.2                                  | 16,300 *                        | 60.2                           | 345.5                                  | 18,600 *                        |                                |                                        |                                 | 120                                |
| 125                                | 52.1                           | 332.3                                  | 15,800 *                        | 58.3                           | 342.4                                  | 17,900 *                        |                                |                                        |                                 | 125                                |
| 130                                | 50.1                           | 328.2                                  | 15,300 *                        | 56.4                           | 339.1                                  | 17,300 *                        |                                |                                        |                                 | 130                                |
| 135                                | 48.0                           | 323.7                                  | 14,800 *                        | 54.5                           | 335.5                                  | 16,700 *                        |                                |                                        |                                 | 135                                |
| 140                                | 45.8                           | 318.8                                  | 14,400 *                        | 52.5                           | 331.7                                  | 16,200 *                        |                                |                                        |                                 | 140                                |
| 145                                | 43.5                           | 313.6                                  | 14,000 *                        | 50.4                           | 327.6                                  | 15,700 *                        |                                |                                        |                                 | 145                                |
| 150                                | 41.1                           | 307.9                                  | 13,600 *                        | 48.3                           | 323.1                                  | 15,200 *                        |                                |                                        |                                 | 150                                |
| 155                                | 38.5                           | 301.7                                  | 13,100 *                        | 46.1                           | 318.4                                  | 14,700 *                        |                                |                                        |                                 | 155                                |
| 160                                | 35.9                           | 294.9                                  | 12,500 *                        | 43.9                           | 313.2                                  | 14,300 *                        |                                |                                        |                                 | 160                                |
| 165                                | 33.0                           | 287.3                                  | 12,000 *                        | 41.5                           | 307.6                                  | 13,800 *                        |                                |                                        |                                 | 165                                |
| 170                                | 29.9                           | 278.8                                  | 11,400 *                        | 39.0                           | 301.5                                  | 13,100 *                        | 56.5                           | 329.3                                  | 8,400 *                         | 170                                |
| 175                                | 26.4                           | 269.1                                  | 10,900 *                        | 36.3                           | 294.8                                  | 12,500 *                        | 54.5                           | 325.7                                  | 8,100 *                         | 175                                |
| 180                                | 22.4                           | 257.6                                  | 10,500 *                        | 33.5                           | 287.3                                  | 11,900 *                        | 52.5                           | 321.9                                  | 7,800 *                         | 180                                |
| 185                                | 17.6                           | 243.1                                  | 10,100 *                        | 30.4                           | 279.0                                  | 11,300 *                        | 50.5                           | 317.8                                  | 7,400 *                         | 185                                |
| 190                                | 10.6                           | 221.6                                  | 9,400 *                         | 27.0                           | 269.5                                  | 10,800 *                        | 48.4                           | 313.4                                  | 7,100 *                         | 190                                |
| 195                                |                                |                                        |                                 | 23.1                           | 258.4                                  | 10,300 *                        | 46.2                           | 308.6                                  | 6,700 *                         | 195                                |
| 200                                |                                |                                        |                                 | 18.5                           | 244.5                                  | 9,800 *                         | 43.9                           | 303.4                                  | 6,400 *                         | 200                                |
| 205                                |                                |                                        |                                 | 12.1                           | 225.0                                  | 9,300 *                         | 41.5                           | 297.8                                  | 6,100 *                         | 205                                |
| 210                                |                                |                                        |                                 |                                |                                        |                                 | 39.0                           | 291.7                                  | 5,700 *                         | 210                                |
| 220                                |                                |                                        |                                 |                                |                                        |                                 | 33.6                           | 277.6                                  | 5,200 *                         | 220                                |
| 230                                |                                |                                        |                                 |                                |                                        |                                 | 27.1                           | 259.9                                  | 4,600 *                         | 230                                |
| 240                                |                                |                                        |                                 |                                |                                        |                                 | 18.6                           | 235.0                                  | 4,100 *                         | 240                                |

# Liftcrane Fixed Jib Capacities

**777T**

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
Luffing Jib No. 139 On Boom No. 78T With Heavy Lift Top  
95,400 Lb. Crane Counterweight  
25,000 Lb. Front Bumper Counterweight  
360 Degree Rating On Fully Extended Outriggers

Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 180 Ft. Boom, 150 Ft. Luffing Jib, 40 Ft. Fixed Jib

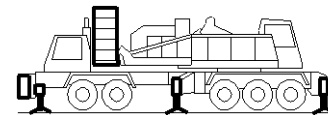
| Fixed Jib<br>Oper.<br>Rad.<br>Feet | 88 Degree<br>Boom Angle        |                                        |                                 | 83 Degree<br>Boom Angle        |                                        |                                 | 70 Degree<br>Boom Angle        |                                        |                                 | Fixed Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|------------------------------------|
|                                    | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds |                                    |
| 65                                 | 74.7                           | 374.7                                  | 20,800 *                        |                                |                                        |                                 |                                |                                        |                                 | 65                                 |
| 70                                 | 73.1                           | 373.1                                  | 20,600 *                        |                                |                                        |                                 |                                |                                        |                                 | 70                                 |
| 75                                 | 71.5                           | 371.4                                  | 20,300 *                        |                                |                                        |                                 |                                |                                        |                                 | 75                                 |
| 80                                 | 69.9                           | 369.6                                  | 20,100 *                        |                                |                                        |                                 |                                |                                        |                                 | 80                                 |
| 85                                 | 68.3                           | 367.6                                  | 19,900 *                        |                                |                                        |                                 |                                |                                        |                                 | 85                                 |
| 90                                 | 66.7                           | 365.4                                  | 19,500 *                        |                                |                                        |                                 |                                |                                        |                                 | 90                                 |
| 95                                 | 65.0                           | 363.1                                  | 19,000 *                        | 70.2                           | 368.6                                  | 19,300 *                        |                                |                                        |                                 | 95                                 |
| 100                                | 63.3                           | 360.6                                  | 18,300 *                        | 68.6                           | 366.6                                  | 19,200 *                        |                                |                                        |                                 | 100                                |
| 105                                | 61.6                           | 357.9                                  | 17,700 *                        | 66.9                           | 364.5                                  | 19,100 *                        |                                |                                        |                                 | 105                                |
| 110                                | 59.9                           | 355.0                                  | 17,100 *                        | 65.3                           | 362.2                                  | 19,000 *                        |                                |                                        |                                 | 110                                |
| 115                                | 58.1                           | 351.9                                  | 16,500 *                        | 63.6                           | 359.7                                  | 18,800 *                        |                                |                                        |                                 | 115                                |
| 120                                | 56.3                           | 348.5                                  | 16,000 *                        | 61.9                           | 357.0                                  | 18,200 *                        |                                |                                        |                                 | 120                                |
| 125                                | 54.5                           | 345.0                                  | 15,500 *                        | 60.2                           | 354.1                                  | 17,600 *                        |                                |                                        |                                 | 125                                |
| 130                                | 52.6                           | 341.1                                  | 15,000 *                        | 58.4                           | 351.1                                  | 17,000 *                        |                                |                                        |                                 | 130                                |
| 135                                | 50.6                           | 337.1                                  | 14,600 *                        | 56.6                           | 347.8                                  | 16,400 *                        |                                |                                        |                                 | 135                                |
| 140                                | 48.6                           | 332.7                                  | 14,100 *                        | 54.8                           | 344.3                                  | 15,900 *                        |                                |                                        |                                 | 140                                |
| 145                                | 46.6                           | 328.0                                  | 13,800 *                        | 52.9                           | 340.5                                  | 15,400 *                        |                                |                                        |                                 | 145                                |
| 150                                | 44.5                           | 322.9                                  | 13,300 *                        | 51.0                           | 336.4                                  | 14,900 *                        |                                |                                        |                                 | 150                                |
| 155                                | 42.2                           | 317.4                                  | 12,800 *                        | 49.0                           | 332.1                                  | 14,500 *                        |                                |                                        |                                 | 155                                |
| 160                                | 39.9                           | 311.5                                  | 12,300 *                        | 46.9                           | 327.5                                  | 14,100 *                        |                                |                                        |                                 | 160                                |
| 165                                | 37.5                           | 305.0                                  | 11,800 *                        | 44.8                           | 322.5                                  | 13,600 *                        |                                |                                        |                                 | 165                                |
| 170                                | 34.9                           | 298.0                                  | 11,400 *                        | 42.6                           | 317.1                                  | 12,900 *                        |                                |                                        |                                 | 170                                |
| 175                                | 32.1                           | 290.1                                  | 10,900 *                        | 40.3                           | 311.2                                  | 12,300 *                        | 56.7                           | 338.0                                  | 7,800 *                         | 175                                |
| 180                                | 29.0                           | 281.4                                  | 10,400 *                        | 37.9                           | 304.9                                  | 11,700 *                        | 54.8                           | 334.5                                  | 7,500 *                         | 180                                |
| 185                                | 25.7                           | 271.3                                  | 10,000 *                        | 35.3                           | 297.9                                  | 11,100 *                        | 53.0                           | 330.7                                  | 7,200 *                         | 185                                |
| 190                                | 21.8                           | 259.4                                  | 9,700 *                         | 32.6                           | 290.2                                  | 10,600 *                        | 51.0                           | 326.7                                  | 6,800 *                         | 190                                |
| 195                                | 17.1                           | 244.5                                  | 9,300 *                         | 29.6                           | 281.6                                  | 10,000 *                        | 49.0                           | 322.3                                  | 6,500 *                         | 195                                |
| 200                                | 10.3                           | 222.4                                  | 8,300 *                         | 26.3                           | 271.8                                  | 9,600 *                         | 47.0                           | 317.7                                  | 6,200 *                         | 200                                |
| 205                                |                                |                                        |                                 | 22.5                           | 260.3                                  | 9,100 *                         | 44.9                           | 312.7                                  | 5,900 *                         | 205                                |
| 210                                |                                |                                        |                                 | 18.0                           | 246.0                                  | 8,700 *                         | 42.7                           | 307.3                                  | 5,600 *                         | 210                                |
| 220                                |                                |                                        |                                 |                                |                                        |                                 | 37.9                           | 295.1                                  | 5,000                           | 220                                |
| 230                                |                                |                                        |                                 |                                |                                        |                                 | 32.6                           | 280.5                                  | 4,500                           | 230                                |
| 240                                |                                |                                        |                                 |                                |                                        |                                 | 26.3                           | 262.2                                  | 4,000                           | 240                                |

# Liftcrane Fixed Jib Capacities

**777T**

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
 Luffing Jib No. 139 On Boom No. 78T With Heavy Lift Top  
 95,400 Lb. Crane Counterweight  
 25,000 Lb. Front Bumper Counterweight  
 360 Degree Rating On Fully Extended Outriggers

Designed And Tested  
 With The Intent To  
 Be In The Scope of  
 ANSI B30.5



## 180 Ft. Boom, 160 Ft. Luffing Jib, 40 Ft. Fixed Jib

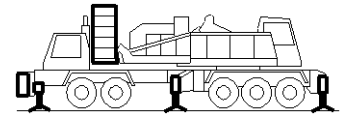
| Fixed<br>Jib<br>Oper.<br>Rad.<br>Feet | 88 Degree<br>Boom Angle        |                                        |                                 | 83 Degree<br>Boom Angle        |                                        |                                 | 70 Degree<br>Boom Angle        |                                        |                                 | Fixed<br>Jib<br>Oper.<br>Rad.<br>Feet |
|---------------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|---------------------------------------|
|                                       | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds |                                       |
| 65                                    | 75.5                           | 385.0                                  | 18,900 *                        |                                |                                        |                                 |                                |                                        |                                 | 65                                    |
| 70                                    | 74.0                           | 383.6                                  | 18,700 *                        |                                |                                        |                                 |                                |                                        |                                 | 70                                    |
| 75                                    | 72.5                           | 382.0                                  | 18,500 *                        |                                |                                        |                                 |                                |                                        |                                 | 75                                    |
| 80                                    | 71.0                           | 380.3                                  | 18,300 *                        |                                |                                        |                                 |                                |                                        |                                 | 80                                    |
| 85                                    | 69.4                           | 378.4                                  | 18,100 *                        |                                |                                        |                                 |                                |                                        |                                 | 85                                    |
| 90                                    | 67.9                           | 376.4                                  | 17,900 *                        |                                |                                        |                                 |                                |                                        |                                 | 90                                    |
| 95                                    | 66.3                           | 374.2                                  | 17,600 *                        |                                |                                        |                                 |                                |                                        |                                 | 95                                    |
| 100                                   | 64.8                           | 371.8                                  | 17,200 *                        | 69.7                           | 377.4                                  | 17,400 *                        |                                |                                        |                                 | 100                                   |
| 105                                   | 63.2                           | 369.3                                  | 16,800 *                        | 68.2                           | 375.4                                  | 17,200 *                        |                                |                                        |                                 | 105                                   |
| 110                                   | 61.5                           | 366.5                                  | 16,300 *                        | 66.6                           | 373.2                                  | 17,200 *                        |                                |                                        |                                 | 110                                   |
| 115                                   | 59.9                           | 363.6                                  | 15,900 *                        | 65.0                           | 370.9                                  | 17,000 *                        |                                |                                        |                                 | 115                                   |
| 120                                   | 58.2                           | 360.5                                  | 15,500 *                        | 63.4                           | 368.4                                  | 16,900 *                        |                                |                                        |                                 | 120                                   |
| 125                                   | 56.5                           | 357.2                                  | 15,000 *                        | 61.8                           | 365.7                                  | 16,800 *                        |                                |                                        |                                 | 125                                   |
| 130                                   | 54.8                           | 353.7                                  | 14,600 *                        | 60.2                           | 362.8                                  | 16,600 *                        |                                |                                        |                                 | 130                                   |
| 135                                   | 53.0                           | 349.9                                  | 14,100 *                        | 58.5                           | 359.7                                  | 16,000 *                        |                                |                                        |                                 | 135                                   |
| 140                                   | 51.1                           | 345.9                                  | 13,700 *                        | 56.8                           | 356.5                                  | 15,500 *                        |                                |                                        |                                 | 140                                   |
| 145                                   | 49.3                           | 341.6                                  | 13,200 *                        | 55.1                           | 353.0                                  | 15,100 *                        |                                |                                        |                                 | 145                                   |
| 150                                   | 47.3                           | 337.0                                  | 12,800 *                        | 53.3                           | 349.3                                  | 14,600 *                        |                                |                                        |                                 | 150                                   |
| 155                                   | 45.3                           | 332.1                                  | 12,400 *                        | 51.5                           | 345.3                                  | 14,200 *                        |                                |                                        |                                 | 155                                   |
| 160                                   | 43.3                           | 326.8                                  | 11,900 *                        | 49.6                           | 341.0                                  | 13,800 *                        |                                |                                        |                                 | 160                                   |
| 165                                   | 41.1                           | 321.1                                  | 11,500 *                        | 47.7                           | 336.5                                  | 13,100 *                        |                                |                                        |                                 | 165                                   |
| 170                                   | 38.8                           | 315.0                                  | 11,100 *                        | 45.7                           | 331.6                                  | 12,400 *                        |                                |                                        |                                 | 170                                   |
| 175                                   | 36.5                           | 308.3                                  | 10,700 *                        | 43.6                           | 326.4                                  | 11,800 *                        |                                |                                        |                                 | 175                                   |
| 180                                   | 33.9                           | 301.0                                  | 10,300 *                        | 41.5                           | 320.8                                  | 11,200 *                        | 56.8                           | 346.7                                  | 6,900 *                         | 180                                   |
| 185                                   | 31.2                           | 292.9                                  | 9,900 *                         | 39.2                           | 314.7                                  | 10,600 *                        | 55.1                           | 343.2                                  | 6,600 *                         | 185                                   |
| 190                                   | 28.3                           | 283.8                                  | 9,600 *                         | 36.9                           | 308.2                                  | 10,100 *                        | 53.3                           | 339.5                                  | 6,300 *                         | 190                                   |
| 195                                   | 25.0                           | 273.5                                  | 9,100 *                         | 34.4                           | 301.0                                  | 9,600 *                         | 51.5                           | 335.5                                  | 6,000 *                         | 195                                   |
| 200                                   | 21.2                           | 261.2                                  | 8,900 *                         | 31.7                           | 293.0                                  | 9,100 *                         | 49.6                           | 331.3                                  | 5,700 *                         | 200                                   |
| 205                                   | 16.6                           | 245.9                                  | 8,400 *                         | 28.8                           | 284.1                                  | 8,700 *                         | 47.7                           | 326.7                                  | 5,400 *                         | 205                                   |
| 210                                   | 10.0                           | 223.2                                  | 7,100 *                         | 25.6                           | 274.0                                  | 8,200 *                         | 45.7                           | 321.9                                  | 5,100 *                         | 210                                   |
| 220                                   |                                |                                        |                                 | 17.5                           | 247.5                                  | 7,400 *                         | 41.5                           | 311.1                                  | 4,600 *                         | 220                                   |
| 230                                   |                                |                                        |                                 |                                |                                        |                                 | 36.9                           | 298.4                                  | 4,100 *                         | 230                                   |

# Liftcrane Fixed Jib Capacities

**777T**

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
Luffing Jib No. 139 On Boom No. 78T With Heavy Lift Top  
95,400 Lb. Crane Counterweight  
25,000 Lb. Front Bumper Counterweight  
360 Degree Rating On Fully Extended Outriggers

Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 180 Ft. Boom, 170 Ft. Luffing Jib, 40 Ft. Fixed Jib

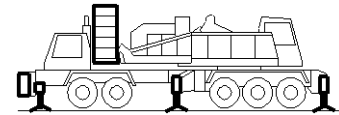
| Fixed Jib<br>Oper.<br>Rad.<br>Feet | 88 Degree<br>Boom Angle        |                                        |                                 | 83 Degree<br>Boom Angle        |                                        |                                 | 70 Degree<br>Boom Angle        |                                        |                                 | Fixed Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|------------------------------------|
|                                    | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds |                                    |
| 70                                 | 74.8                           | 394.0                                  | 17,000 *                        |                                |                                        |                                 |                                |                                        |                                 | 70                                 |
| 75                                 | 73.3                           | 392.5                                  | 16,800 *                        |                                |                                        |                                 |                                |                                        |                                 | 75                                 |
| 80                                 | 71.9                           | 390.9                                  | 16,600 *                        |                                |                                        |                                 |                                |                                        |                                 | 80                                 |
| 85                                 | 70.5                           | 389.1                                  | 16,400 *                        |                                |                                        |                                 |                                |                                        |                                 | 85                                 |
| 90                                 | 69.0                           | 387.2                                  | 16,300 *                        |                                |                                        |                                 |                                |                                        |                                 | 90                                 |
| 95                                 | 67.5                           | 385.1                                  | 16,000 *                        |                                |                                        |                                 |                                |                                        |                                 | 95                                 |
| 100                                | 66.0                           | 382.9                                  | 15,800 *                        | 70.7                           | 388.1                                  | 15,600 *                        |                                |                                        |                                 | 100                                |
| 105                                | 64.5                           | 380.5                                  | 15,600 *                        | 69.3                           | 386.2                                  | 15,500 *                        |                                |                                        |                                 | 105                                |
| 110                                | 63.0                           | 377.9                                  | 15,200 *                        | 67.8                           | 384.1                                  | 15,400 *                        |                                |                                        |                                 | 110                                |
| 115                                | 61.5                           | 375.2                                  | 14,800 *                        | 66.3                           | 381.9                                  | 15,300 *                        |                                |                                        |                                 | 115                                |
| 120                                | 59.9                           | 372.3                                  | 14,500 *                        | 64.8                           | 379.6                                  | 15,200 *                        |                                |                                        |                                 | 120                                |
| 125                                | 58.3                           | 369.2                                  | 14,100 *                        | 63.3                           | 377.0                                  | 15,100 *                        |                                |                                        |                                 | 125                                |
| 130                                | 56.7                           | 365.9                                  | 13,700 *                        | 61.7                           | 374.3                                  | 15,000 *                        |                                |                                        |                                 | 130                                |
| 135                                | 55.0                           | 362.4                                  | 13,300 *                        | 60.2                           | 371.5                                  | 14,800 *                        |                                |                                        |                                 | 135                                |
| 140                                | 53.3                           | 358.7                                  | 12,900 *                        | 58.6                           | 368.4                                  | 14,800 *                        |                                |                                        |                                 | 140                                |
| 145                                | 51.6                           | 354.7                                  | 12,600 *                        | 57.0                           | 365.2                                  | 14,700 *                        |                                |                                        |                                 | 145                                |
| 150                                | 49.8                           | 350.5                                  | 12,200 *                        | 55.3                           | 361.7                                  | 14,300 *                        |                                |                                        |                                 | 150                                |
| 155                                | 48.0                           | 346.0                                  | 11,800 *                        | 53.6                           | 358.0                                  | 13,900 *                        |                                |                                        |                                 | 155                                |
| 160                                | 46.1                           | 341.3                                  | 11,400 *                        | 51.9                           | 354.1                                  | 13,500 *                        |                                |                                        |                                 | 160                                |
| 165                                | 44.2                           | 336.1                                  | 11,100 *                        | 50.1                           | 349.9                                  | 12,700 *                        |                                |                                        |                                 | 165                                |
| 170                                | 42.2                           | 330.7                                  | 10,700 *                        | 48.3                           | 345.5                                  | 12,100 *                        |                                |                                        |                                 | 170                                |
| 175                                | 40.0                           | 324.8                                  | 10,400 *                        | 46.4                           | 340.8                                  | 11,400 *                        |                                |                                        |                                 | 175                                |
| 180                                | 37.8                           | 318.4                                  | 10,000 *                        | 44.5                           | 335.7                                  | 10,800 *                        |                                |                                        |                                 | 180                                |
| 185                                | 35.5                           | 311.5                                  | 9,700 *                         | 42.5                           | 330.3                                  | 10,300 *                        | 57.0                           | 355.4                                  | 6,300 *                         | 185                                |
| 190                                | 33.1                           | 303.9                                  | 9,400 *                         | 40.4                           | 324.5                                  | 9,700 *                         | 55.3                           | 351.9                                  | 6,000 *                         | 190                                |
| 195                                | 30.4                           | 295.6                                  | 9,100 *                         | 38.2                           | 318.2                                  | 9,200 *                         | 53.7                           | 348.2                                  | 5,700 *                         | 195                                |
| 200                                | 27.5                           | 286.2                                  | 8,800 *                         | 35.9                           | 311.4                                  | 8,800 *                         | 51.9                           | 344.3                                  | 5,400 *                         | 200                                |
| 205                                | 24.4                           | 275.6                                  | 8,300 *                         | 33.5                           | 303.9                                  | 8,300 *                         | 50.2                           | 340.2                                  | 5,200 *                         | 205                                |
| 210                                | 20.7                           | 263.0                                  | 7,700 *                         | 30.9                           | 295.7                                  | 7,900 *                         | 48.3                           | 335.7                                  | 4,900 *                         | 210                                |
| 220                                | 9.7                            | 224.0                                  | 5,900 *                         | 24.9                           | 276.2                                  | 7,000 *                         | 44.5                           | 325.9                                  | 4,400                           | 220                                |
| 230                                |                                |                                        |                                 | 17.0                           | 249.0                                  | 6,300 *                         |                                |                                        |                                 | 230                                |

# Liftcrane Fixed Jib Capacities

**777T**

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
 Luffing Jib No. 139 On Boom No. 78T With Heavy Lift Top  
 95,400 Lb. Crane Counterweight  
 25,000 Lb. Front Bumper Counterweight  
 360 Degree Rating On Fully Extended Outriggers

Designed And Tested  
 With The Intent To  
 Be In The Scope of  
 ANSI B30.5



## 180 Ft. Boom, 140 Ft. Luffing Jib, 50 Ft. Fixed Jib

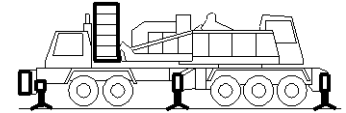
| Fixed Jib<br>Oper.<br>Rad.<br>Feet | 88 Degree<br>Boom Angle        |                                        |                                 | 83 Degree<br>Boom Angle        |                                        |                                 | 70 Degree<br>Boom Angle        |                                        |                                 | Fixed Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|------------------------------------|
|                                    | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds |                                    |
| 65                                 | 74.8                           | 374.7                                  | 18,000 *                        |                                |                                        |                                 |                                |                                        |                                 | 65                                 |
| 70                                 | 73.2                           | 373.1                                  | 18,000 *                        |                                |                                        |                                 |                                |                                        |                                 | 70                                 |
| 75                                 | 71.6                           | 371.5                                  | 18,000 *                        |                                |                                        |                                 |                                |                                        |                                 | 75                                 |
| 80                                 | 70.0                           | 369.6                                  | 17,800 *                        |                                |                                        |                                 |                                |                                        |                                 | 80                                 |
| 85                                 | 68.4                           | 367.6                                  | 17,600 *                        |                                |                                        |                                 |                                |                                        |                                 | 85                                 |
| 90                                 | 66.8                           | 365.4                                  | 17,400 *                        |                                |                                        |                                 |                                |                                        |                                 | 90                                 |
| 95                                 | 65.1                           | 363.1                                  | 17,200 *                        |                                |                                        |                                 |                                |                                        |                                 | 95                                 |
| 100                                | 63.4                           | 360.6                                  | 16,600 *                        | 68.7                           | 366.6                                  | 17,300 *                        |                                |                                        |                                 | 100                                |
| 105                                | 61.7                           | 357.9                                  | 16,000 *                        | 67.0                           | 364.5                                  | 17,000 *                        |                                |                                        |                                 | 105                                |
| 110                                | 60.0                           | 355.0                                  | 15,400 *                        | 65.4                           | 362.2                                  | 16,800 *                        |                                |                                        |                                 | 110                                |
| 115                                | 58.2                           | 351.9                                  | 14,900 *                        | 63.7                           | 359.7                                  | 16,700 *                        |                                |                                        |                                 | 115                                |
| 120                                | 56.4                           | 348.5                                  | 14,400 *                        | 62.0                           | 357.0                                  | 16,500 *                        |                                |                                        |                                 | 120                                |
| 125                                | 54.6                           | 345.0                                  | 13,900 *                        | 60.3                           | 354.2                                  | 15,900 *                        |                                |                                        |                                 | 125                                |
| 130                                | 52.7                           | 341.2                                  | 13,400 *                        | 58.5                           | 351.1                                  | 15,300 *                        |                                |                                        |                                 | 130                                |
| 135                                | 50.7                           | 337.1                                  | 13,000 *                        | 56.7                           | 347.8                                  | 14,800 *                        |                                |                                        |                                 | 135                                |
| 140                                | 48.7                           | 332.7                                  | 12,600 *                        | 54.9                           | 344.3                                  | 14,300 *                        |                                |                                        |                                 | 140                                |
| 145                                | 46.7                           | 328.0                                  | 12,200 *                        | 53.0                           | 340.5                                  | 13,800 *                        |                                |                                        |                                 | 145                                |
| 150                                | 44.5                           | 322.9                                  | 11,900 *                        | 51.1                           | 336.4                                  | 13,300 *                        |                                |                                        |                                 | 150                                |
| 155                                | 42.3                           | 317.4                                  | 11,600 *                        | 49.1                           | 332.1                                  | 12,900 *                        |                                |                                        |                                 | 155                                |
| 160                                | 40.0                           | 311.5                                  | 11,300 *                        | 47.0                           | 327.5                                  | 12,500 *                        |                                |                                        |                                 | 160                                |
| 165                                | 37.5                           | 305.1                                  | 11,000 *                        | 44.9                           | 322.5                                  | 12,200 *                        |                                |                                        |                                 | 165                                |
| 170                                | 34.9                           | 298.0                                  | 10,700 *                        | 42.7                           | 317.1                                  | 11,800 *                        |                                |                                        |                                 | 170                                |
| 175                                | 32.2                           | 290.2                                  | 10,400 *                        | 40.4                           | 311.2                                  | 11,500 *                        | 56.8                           | 338.0                                  | 8,000 *                         | 175                                |
| 180                                | 29.1                           | 281.4                                  | 10,000 *                        | 38.0                           | 304.9                                  | 11,200 *                        | 54.9                           | 334.5                                  | 7,700 *                         | 180                                |
| 185                                | 25.8                           | 271.3                                  | 9,600 *                         | 35.4                           | 297.9                                  | 10,900 *                        | 53.0                           | 330.7                                  | 7,300 *                         | 185                                |
| 190                                | 21.9                           | 259.4                                  | 9,200 *                         | 32.7                           | 290.2                                  | 10,600 *                        | 51.1                           | 326.7                                  | 7,000 *                         | 190                                |
| 195                                | 17.2                           | 244.5                                  | 8,900 *                         | 29.7                           | 281.6                                  | 10,400 *                        | 49.1                           | 322.3                                  | 6,700 *                         | 195                                |
| 200                                | 10.4                           | 222.5                                  | 8,600 *                         | 26.4                           | 271.8                                  | 9,900 *                         | 47.1                           | 317.7                                  | 6,400 *                         | 200                                |
| 205                                |                                |                                        |                                 | 22.6                           | 260.3                                  | 9,400 *                         | 45.0                           | 312.7                                  | 6,100 *                         | 205                                |
| 210                                |                                |                                        |                                 | 18.1                           | 246.1                                  | 9,000 *                         | 42.8                           | 307.3                                  | 5,800 *                         | 210                                |
| 220                                |                                |                                        |                                 |                                |                                        |                                 | 38.0                           | 295.1                                  | 5,200 *                         | 220                                |
| 230                                |                                |                                        |                                 |                                |                                        |                                 | 32.7                           | 280.5                                  | 4,700 *                         | 230                                |
| 240                                |                                |                                        |                                 |                                |                                        |                                 | 26.4                           | 262.2                                  | 4,200 *                         | 240                                |

# Liftcrane Fixed Jib Capacities

**777T**

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
Luffing Jib No. 139 On Boom No. 78T With Heavy Lift Top  
95,400 Lb. Crane Counterweight  
25,000 Lb. Front Bumper Counterweight  
360 Degree Rating On Fully Extended Outriggers

Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 180 Ft. Boom, 150 Ft. Luffing Jib, 50 Ft. Fixed Jib

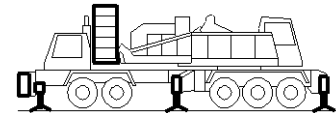
| Fixed Jib<br>Oper.<br>Rad.<br>Feet | 88 Degree<br>Boom Angle        |                                        |                                 | 83 Degree<br>Boom Angle        |                                        |                                 | 70 Degree<br>Boom Angle        |                                        |                                 | Fixed Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|------------------------------------|
|                                    | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds |                                    |
| 65                                 | 75.5                           | 385.1                                  | 17,600 *                        |                                |                                        |                                 |                                |                                        |                                 | 65                                 |
| 70                                 | 74.1                           | 383.6                                  | 17,400 *                        |                                |                                        |                                 |                                |                                        |                                 | 70                                 |
| 75                                 | 72.6                           | 382.0                                  | 17,200 *                        |                                |                                        |                                 |                                |                                        |                                 | 75                                 |
| 80                                 | 71.1                           | 380.3                                  | 17,000 *                        |                                |                                        |                                 |                                |                                        |                                 | 80                                 |
| 85                                 | 69.5                           | 378.4                                  | 16,800 *                        |                                |                                        |                                 |                                |                                        |                                 | 85                                 |
| 90                                 | 68.0                           | 376.4                                  | 16,500 *                        |                                |                                        |                                 |                                |                                        |                                 | 90                                 |
| 95                                 | 66.4                           | 374.2                                  | 16,300 *                        |                                |                                        |                                 |                                |                                        |                                 | 95                                 |
| 100                                | 64.9                           | 371.8                                  | 16,000 *                        | 69.8                           | 377.4                                  | 16,200 *                        |                                |                                        |                                 | 100                                |
| 105                                | 63.3                           | 369.3                                  | 15,700 *                        | 68.3                           | 375.4                                  | 16,100 *                        |                                |                                        |                                 | 105                                |
| 110                                | 61.6                           | 366.5                                  | 15,100 *                        | 66.7                           | 373.2                                  | 15,900 *                        |                                |                                        |                                 | 110                                |
| 115                                | 60.0                           | 363.6                                  | 14,600 *                        | 65.1                           | 370.9                                  | 15,700 *                        |                                |                                        |                                 | 115                                |
| 120                                | 58.3                           | 360.5                                  | 14,100 *                        | 63.5                           | 368.4                                  | 15,500 *                        |                                |                                        |                                 | 120                                |
| 125                                | 56.6                           | 357.2                                  | 13,600 *                        | 61.9                           | 365.7                                  | 15,400 *                        |                                |                                        |                                 | 125                                |
| 130                                | 54.9                           | 353.7                                  | 13,200 *                        | 60.3                           | 362.8                                  | 15,000 *                        |                                |                                        |                                 | 130                                |
| 135                                | 53.1                           | 349.9                                  | 12,800 *                        | 58.6                           | 359.8                                  | 14,500 *                        |                                |                                        |                                 | 135                                |
| 140                                | 51.2                           | 345.9                                  | 12,400 *                        | 56.9                           | 356.5                                  | 14,000 *                        |                                |                                        |                                 | 140                                |
| 145                                | 49.4                           | 341.6                                  | 12,000 *                        | 55.2                           | 353.0                                  | 13,500 *                        |                                |                                        |                                 | 145                                |
| 150                                | 47.4                           | 337.0                                  | 11,700 *                        | 53.4                           | 349.3                                  | 13,100 *                        |                                |                                        |                                 | 150                                |
| 155                                | 45.4                           | 332.1                                  | 11,400 *                        | 51.6                           | 345.3                                  | 12,700 *                        |                                |                                        |                                 | 155                                |
| 160                                | 43.3                           | 326.8                                  | 11,100 *                        | 49.7                           | 341.0                                  | 12,300 *                        |                                |                                        |                                 | 160                                |
| 165                                | 41.2                           | 321.2                                  | 10,800 *                        | 47.8                           | 336.5                                  | 12,000 *                        |                                |                                        |                                 | 165                                |
| 170                                | 38.9                           | 315.0                                  | 10,500 *                        | 45.8                           | 331.6                                  | 11,600 *                        |                                |                                        |                                 | 170                                |
| 175                                | 36.5                           | 308.3                                  | 10,300 *                        | 43.7                           | 326.4                                  | 11,300 *                        |                                |                                        |                                 | 175                                |
| 180                                | 34.0                           | 301.0                                  | 10,000 *                        | 41.6                           | 320.8                                  | 11,000 *                        | 56.9                           | 346.7                                  | 7,400 *                         | 180                                |
| 185                                | 31.3                           | 292.9                                  | 9,600 *                         | 39.3                           | 314.8                                  | 10,700 *                        | 55.2                           | 343.2                                  | 7,100 *                         | 185                                |
| 190                                | 28.4                           | 283.8                                  | 9,200 *                         | 37.0                           | 308.2                                  | 10,500 *                        | 53.4                           | 339.5                                  | 6,800 *                         | 190                                |
| 195                                | 25.1                           | 273.5                                  | 8,800 *                         | 34.5                           | 301.0                                  | 10,200 *                        | 51.6                           | 335.5                                  | 6,500 *                         | 195                                |
| 200                                | 21.3                           | 261.3                                  | 8,500 *                         | 31.8                           | 293.0                                  | 9,700 *                         | 49.7                           | 331.3                                  | 6,200 *                         | 200                                |
| 205                                | 16.7                           | 245.9                                  | 8,200 *                         | 28.9                           | 284.1                                  | 9,200 *                         | 47.8                           | 326.7                                  | 5,900 *                         | 205                                |
| 210                                | 10.1                           | 223.3                                  | 7,600 *                         | 25.7                           | 274.0                                  | 8,800 *                         | 45.8                           | 321.9                                  | 5,600 *                         | 210                                |
| 220                                |                                |                                        |                                 | 17.6                           | 247.5                                  | 8,000 *                         | 41.6                           | 311.1                                  | 5,100 *                         | 220                                |
| 230                                |                                |                                        |                                 |                                |                                        |                                 | 37.0                           | 298.4                                  | 4,500                           | 230                                |
| 240                                |                                |                                        |                                 |                                |                                        |                                 | 31.8                           | 283.3                                  | 4,000 *                         | 240                                |

# Liftcrane Fixed Jib Capacities

**777T**

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
Luffing Jib No. 139 On Boom No. 78T With Heavy Lift Top  
95,400 Lb. Crane Counterweight  
25,000 Lb. Front Bumper Counterweight  
360 Degree Rating On Fully Extended Outriggers

**Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5**



## 180 Ft. Boom, 160 Ft. Luffing Jib, 50 Ft. Fixed Jib

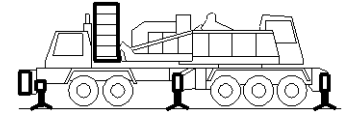
| Fixed Jib<br>Oper.<br>Rad.<br>Feet | 88 Degree<br>Boom Angle        |                                        |                                 | 83 Degree<br>Boom Angle        |                                        |                                 | 70 Degree<br>Boom Angle        |                                        |                                 | Fixed Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|------------------------------------|
|                                    | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds |                                    |
| 70                                 | 74.8                           | 394.0                                  | 16,200 *                        |                                |                                        |                                 |                                |                                        |                                 | 70                                 |
| 75                                 | 73.4                           | 392.5                                  | 16,000 *                        |                                |                                        |                                 |                                |                                        |                                 | 75                                 |
| 80                                 | 72.0                           | 390.9                                  | 15,700 *                        |                                |                                        |                                 |                                |                                        |                                 | 80                                 |
| 85                                 | 70.5                           | 389.1                                  | 15,500 *                        |                                |                                        |                                 |                                |                                        |                                 | 85                                 |
| 90                                 | 69.1                           | 387.2                                  | 15,300 *                        |                                |                                        |                                 |                                |                                        |                                 | 90                                 |
| 95                                 | 67.6                           | 385.1                                  | 15,100 *                        |                                |                                        |                                 |                                |                                        |                                 | 95                                 |
| 100                                | 66.1                           | 382.9                                  | 15,000 *                        |                                |                                        |                                 |                                |                                        |                                 | 100                                |
| 105                                | 64.6                           | 380.5                                  | 14,800 *                        | 69.3                           | 386.2                                  | 14,800 *                        |                                |                                        |                                 | 105                                |
| 110                                | 63.1                           | 377.9                                  | 14,600 *                        | 67.9                           | 384.1                                  | 14,700 *                        |                                |                                        |                                 | 110                                |
| 115                                | 61.6                           | 375.2                                  | 14,300 *                        | 66.4                           | 381.9                                  | 14,500 *                        |                                |                                        |                                 | 115                                |
| 120                                | 60.0                           | 372.3                                  | 13,800 *                        | 64.9                           | 379.6                                  | 14,400 *                        |                                |                                        |                                 | 120                                |
| 125                                | 58.4                           | 369.2                                  | 13,400 *                        | 63.4                           | 377.0                                  | 14,300 *                        |                                |                                        |                                 | 125                                |
| 130                                | 56.8                           | 365.9                                  | 12,900 *                        | 61.8                           | 374.3                                  | 14,200 *                        |                                |                                        |                                 | 130                                |
| 135                                | 55.1                           | 362.4                                  | 12,500 *                        | 60.3                           | 371.5                                  | 14,000 *                        |                                |                                        |                                 | 135                                |
| 140                                | 53.4                           | 358.7                                  | 12,200 *                        | 58.7                           | 368.4                                  | 13,700 *                        |                                |                                        |                                 | 140                                |
| 145                                | 51.7                           | 354.8                                  | 11,800 *                        | 57.0                           | 365.2                                  | 13,300 *                        |                                |                                        |                                 | 145                                |
| 150                                | 49.9                           | 350.5                                  | 11,500 *                        | 55.4                           | 361.7                                  | 12,900 *                        |                                |                                        |                                 | 150                                |
| 155                                | 48.1                           | 346.1                                  | 11,200 *                        | 53.7                           | 358.0                                  | 12,500 *                        |                                |                                        |                                 | 155                                |
| 160                                | 46.2                           | 341.3                                  | 10,900 *                        | 52.0                           | 354.1                                  | 12,100 *                        |                                |                                        |                                 | 160                                |
| 165                                | 44.3                           | 336.1                                  | 10,600 *                        | 50.2                           | 349.9                                  | 11,800 *                        |                                |                                        |                                 | 165                                |
| 170                                | 42.2                           | 330.7                                  | 10,400 *                        | 48.4                           | 345.5                                  | 11,400 *                        |                                |                                        |                                 | 170                                |
| 175                                | 40.1                           | 324.8                                  | 10,100 *                        | 46.5                           | 340.8                                  | 11,100 *                        |                                |                                        |                                 | 175                                |
| 180                                | 37.9                           | 318.4                                  | 9,800 *                         | 44.6                           | 335.7                                  | 10,900 *                        |                                |                                        |                                 | 180                                |
| 185                                | 35.6                           | 311.5                                  | 9,400 *                         | 42.6                           | 330.3                                  | 10,600 *                        | 57.1                           | 355.4                                  | 6,500 *                         | 185                                |
| 190                                | 33.2                           | 303.9                                  | 9,100 *                         | 40.5                           | 324.5                                  | 10,200 *                        | 55.4                           | 351.9                                  | 6,200 *                         | 190                                |
| 195                                | 30.5                           | 295.6                                  | 8,800 *                         | 38.3                           | 318.2                                  | 9,700 *                         | 53.7                           | 348.2                                  | 6,000 *                         | 195                                |
| 200                                | 27.6                           | 286.2                                  | 8,500 *                         | 36.0                           | 311.4                                  | 9,200 *                         | 52.0                           | 344.3                                  | 5,700 *                         | 200                                |
| 205                                | 24.4                           | 275.6                                  | 8,100 *                         | 33.6                           | 303.9                                  | 8,800 *                         | 50.2                           | 340.2                                  | 5,400 *                         | 205                                |
| 210                                | 20.8                           | 263.0                                  | 7,900 *                         | 31.0                           | 295.7                                  | 8,300 *                         | 48.4                           | 335.7                                  | 5,100 *                         | 210                                |
| 220                                | 9.8                            | 224.1                                  | 6,400 *                         | 25.0                           | 276.2                                  | 7,500 *                         | 44.6                           | 326.0                                  | 4,600 *                         | 220                                |
| 230                                |                                |                                        |                                 | 17.1                           | 249.0                                  | 6,800 *                         | 40.5                           | 314.7                                  | 4,100 *                         | 230                                |

# Liftcrane Fixed Jib Capacities

**777T**

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
Luffing Jib No. 139 On Boom No. 78T With Heavy Lift Top  
95,400 Lb. Crane Counterweight  
25,000 Lb. Front Bumper Counterweight  
360 Degree Rating On Fully Extended Outriggers

Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 180 Ft. Boom, 170 Ft. Luffing Jib, 50 Ft. Fixed Jib

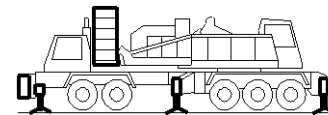
| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle  |                            |                           | 83 Degree Boom Angle  |                            |                           | 70 Degree Boom Angle  |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|-----------------------|----------------------------|---------------------------|-----------------------|----------------------------|---------------------------|-----------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Ang. Deg. | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Ang. Deg. | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Ang. Deg. | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 70                        | 75.5                  | 404.4                      | 14,900 *                  |                       |                            |                           |                       |                            |                           | 70                        |
| 75                        | 74.2                  | 403.0                      | 14,700 *                  |                       |                            |                           |                       |                            |                           | 75                        |
| 80                        | 72.8                  | 401.4                      | 14,500 *                  |                       |                            |                           |                       |                            |                           | 80                        |
| 85                        | 71.5                  | 399.7                      | 14,300 *                  |                       |                            |                           |                       |                            |                           | 85                        |
| 90                        | 70.1                  | 397.9                      | 14,100 *                  |                       |                            |                           |                       |                            |                           | 90                        |
| 95                        | 68.7                  | 395.9                      | 14,000 *                  |                       |                            |                           |                       |                            |                           | 95                        |
| 100                       | 67.3                  | 393.8                      | 13,800 *                  |                       |                            |                           |                       |                            |                           | 100                       |
| 105                       | 65.9                  | 391.6                      | 13,600 *                  |                       |                            |                           |                       |                            |                           | 105                       |
| 110                       | 64.4                  | 389.2                      | 13,500 *                  | 68.9                  | 394.9                      | 13,500 *                  |                       |                            |                           | 110                       |
| 115                       | 63.0                  | 386.6                      | 13,300 *                  | 67.5                  | 392.9                      | 13,600 *                  |                       |                            |                           | 115                       |
| 120                       | 61.5                  | 383.9                      | 13,200 *                  | 66.1                  | 390.6                      | 13,200 *                  |                       |                            |                           | 120                       |
| 125                       | 60.0                  | 381.0                      | 12,900 *                  | 64.7                  | 388.2                      | 13,100 *                  |                       |                            |                           | 125                       |
| 130                       | 58.5                  | 377.9                      | 12,600 *                  | 63.2                  | 385.7                      | 13,000 *                  |                       |                            |                           | 130                       |
| 135                       | 56.9                  | 374.6                      | 12,200 *                  | 61.7                  | 383.0                      | 12,900 *                  |                       |                            |                           | 135                       |
| 140                       | 55.3                  | 371.1                      | 11,900 *                  | 60.2                  | 380.1                      | 12,800 *                  |                       |                            |                           | 140                       |
| 145                       | 53.7                  | 367.5                      | 11,600 *                  | 58.7                  | 377.1                      | 12,700 *                  |                       |                            |                           | 145                       |
| 150                       | 52.1                  | 363.6                      | 11,200 *                  | 57.2                  | 373.9                      | 12,500 *                  |                       |                            |                           | 150                       |
| 155                       | 50.4                  | 359.4                      | 10,900 *                  | 55.6                  | 370.4                      | 12,200 *                  |                       |                            |                           | 155                       |
| 160                       | 48.7                  | 355.0                      | 10,700 *                  | 54.0                  | 366.8                      | 11,800 *                  |                       |                            |                           | 160                       |
| 165                       | 46.9                  | 350.4                      | 10,400 *                  | 52.4                  | 362.9                      | 11,500 *                  |                       |                            |                           | 165                       |
| 170                       | 45.1                  | 345.4                      | 10,100 *                  | 50.7                  | 358.8                      | 11,200 *                  |                       |                            |                           | 170                       |
| 175                       | 43.2                  | 340.1                      | 9,800 *                   | 49.0                  | 354.5                      | 10,900 *                  |                       |                            |                           | 175                       |
| 180                       | 41.2                  | 334.4                      | 9,500 *                   | 47.2                  | 349.8                      | 10,600 *                  |                       |                            |                           | 180                       |
| 185                       | 39.2                  | 328.3                      | 9,200 *                   | 45.4                  | 344.9                      | 10,400 *                  |                       |                            |                           | 185                       |
| 190                       | 37.0                  | 321.7                      | 8,900 *                   | 43.5                  | 339.7                      | 9,900 *                   | 57.2                  | 364.1                      | 5,900 *                   | 190                       |
| 195                       | 34.8                  | 314.6                      | 8,600 *                   | 41.6                  | 334.0                      | 9,400 *                   | 55.6                  | 360.6                      | 5,700 *                   | 195                       |
| 200                       | 32.4                  | 306.8                      | 8,300 *                   | 39.5                  | 328.0                      | 8,900 *                   | 54.0                  | 357.0                      | 5,400 *                   | 200                       |
| 205                       | 29.8                  | 298.2                      | 8,100 *                   | 37.4                  | 321.5                      | 8,400 *                   | 52.4                  | 353.1                      | 5,100 *                   | 205                       |
| 210                       | 27.0                  | 288.6                      | 7,800 *                   | 35.2                  | 314.5                      | 8,000 *                   | 50.7                  | 349.0                      | 4,800 *                   | 210                       |
| 220                       | 20.3                  | 264.8                      | 7,100 *                   | 30.2                  | 298.4                      | 7,200 *                   | 47.2                  | 340.1                      | 4,300 *                   | 220                       |
| 230                       |                       |                            |                           |                       |                            |                           |                       |                            |                           | 230                       |
| 240                       | 9.6                   | 224.8                      | 5,400 *                   | 24.4                  | 278.3                      | 6,400 *                   |                       |                            |                           | 240                       |
|                           |                       |                            |                           | 16.7                  | 250.4                      | 5,700 *                   |                       |                            |                           |                           |

# Liftcrane Fixed Jib Capacities

**777T**

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
Luffing Jib No. 139 On Boom No. 78T With Heavy Lift Top  
95,400 Lb. Crane Counterweight  
25,000 Lb. Front Bumper Counterweight  
360 Degree Rating On Fully Extended Outriggers

Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 180 Ft. Boom, 140 Ft. Luffing Jib, 60 Ft. Fixed Jib

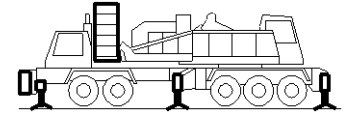
| Fixed Jib<br>Oper.<br>Rad.<br>Feet | 88 Degree<br>Boom Angle        |                                        |                                 | 83 Degree<br>Boom Angle        |                                        |                                 | 70 Degree<br>Boom Angle        |                                        |                                 | Fixed Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|------------------------------------|
|                                    | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds |                                    |
| 65                                 | 75.3                           | 385.1                                  | 15,100 *                        |                                |                                        |                                 |                                |                                        |                                 | 65                                 |
| 70                                 | 73.9                           | 383.7                                  | 14,800 *                        |                                |                                        |                                 |                                |                                        |                                 | 70                                 |
| 75                                 | 72.4                           | 382.1                                  | 14,600 *                        |                                |                                        |                                 |                                |                                        |                                 | 75                                 |
| 80                                 | 70.9                           | 380.3                                  | 14,300 *                        |                                |                                        |                                 |                                |                                        |                                 | 80                                 |
| 85                                 | 69.3                           | 378.4                                  | 14,000 *                        |                                |                                        |                                 |                                |                                        |                                 | 85                                 |
| 90                                 | 67.8                           | 376.4                                  | 13,700 *                        |                                |                                        |                                 |                                |                                        |                                 | 90                                 |
| 95                                 | 66.2                           | 374.2                                  | 13,500 *                        |                                |                                        |                                 |                                |                                        |                                 | 95                                 |
| 100                                | 64.7                           | 371.8                                  | 13,300 *                        | 69.6                           | 377.4                                  | 13,700 *                        |                                |                                        |                                 | 100                                |
| 105                                | 63.1                           | 369.3                                  | 13,000 *                        | 68.1                           | 375.4                                  | 13,500 *                        |                                |                                        |                                 | 105                                |
| 110                                | 61.4                           | 366.6                                  | 12,800 *                        | 66.5                           | 373.3                                  | 13,300 *                        |                                |                                        |                                 | 110                                |
| 115                                | 59.8                           | 363.7                                  | 12,600 *                        | 64.9                           | 370.9                                  | 13,100 *                        |                                |                                        |                                 | 115                                |
| 120                                | 58.1                           | 360.6                                  | 12,400 *                        | 63.3                           | 368.4                                  | 12,900 *                        |                                |                                        |                                 | 120                                |
| 125                                | 56.4                           | 357.3                                  | 12,200 *                        | 61.7                           | 365.7                                  | 12,700 *                        |                                |                                        |                                 | 125                                |
| 130                                | 54.7                           | 353.8                                  | 12,000 *                        | 60.1                           | 362.9                                  | 12,400 *                        |                                |                                        |                                 | 130                                |
| 135                                | 52.9                           | 350.0                                  | 11,700 *                        | 58.4                           | 359.8                                  | 12,300 *                        |                                |                                        |                                 | 135                                |
| 140                                | 51.0                           | 346.0                                  | 11,400 *                        | 56.7                           | 356.5                                  | 12,100 *                        |                                |                                        |                                 | 140                                |
| 145                                | 49.2                           | 341.7                                  | 11,000 *                        | 55.0                           | 353.0                                  | 11,900 *                        |                                |                                        |                                 | 145                                |
| 150                                | 47.2                           | 337.1                                  | 10,700 *                        | 53.2                           | 349.3                                  | 11,800 *                        |                                |                                        |                                 | 150                                |
| 155                                | 45.2                           | 332.2                                  | 10,400 *                        | 51.4                           | 345.3                                  | 11,600 *                        |                                |                                        |                                 | 155                                |
| 160                                | 43.2                           | 326.9                                  | 10,100 *                        | 49.5                           | 341.1                                  | 11,300 *                        |                                |                                        |                                 | 160                                |
| 165                                | 41.0                           | 321.2                                  | 9,800 *                         | 47.6                           | 336.6                                  | 10,900 *                        |                                |                                        |                                 | 165                                |
| 170                                | 38.7                           | 315.1                                  | 9,500 *                         | 45.6                           | 331.7                                  | 10,600 *                        |                                |                                        |                                 | 170                                |
| 175                                | 36.4                           | 308.4                                  | 9,300 *                         | 43.5                           | 326.5                                  | 10,300 *                        |                                |                                        |                                 | 175                                |
| 180                                | 33.8                           | 301.1                                  | 9,000 *                         | 41.4                           | 320.9                                  | 10,000 *                        | 56.7                           | 346.7                                  | 7,500 *                         | 180                                |
| 185                                | 31.1                           | 293.0                                  | 8,800 *                         | 39.1                           | 314.8                                  | 9,700 *                         | 55.0                           | 343.3                                  | 7,200 *                         | 185                                |
| 190                                | 28.2                           | 283.9                                  | 8,600 *                         | 36.8                           | 308.2                                  | 9,500 *                         | 53.2                           | 339.5                                  | 6,900 *                         | 190                                |
| 195                                | 24.9                           | 273.6                                  | 8,400 *                         | 34.3                           | 301.0                                  | 9,200 *                         | 51.4                           | 335.6                                  | 6,600 *                         | 195                                |
| 200                                | 21.1                           | 261.4                                  | 8,100 *                         | 31.6                           | 293.1                                  | 9,000 *                         | 49.5                           | 331.3                                  | 6,300 *                         | 200                                |
| 205                                | 16.6                           | 246.1                                  | 7,800 *                         | 28.7                           | 284.2                                  | 8,800 *                         | 47.6                           | 326.8                                  | 6,100 *                         | 205                                |
| 210                                | 10.0                           | 223.6                                  | 7,600 *                         | 25.5                           | 274.1                                  | 8,600 *                         | 45.6                           | 321.9                                  | 5,800 *                         | 210                                |
| 220                                |                                |                                        |                                 | 17.4                           | 247.7                                  | 8,200 *                         | 41.4                           | 311.1                                  | 5,200                           | 220                                |
| 230                                |                                |                                        |                                 |                                |                                        |                                 | 36.8                           | 298.5                                  | 4,700                           | 230                                |
| 240                                |                                |                                        |                                 |                                |                                        |                                 | 31.7                           | 283.4                                  | 4,200                           | 240                                |

# Liftcrane Fixed Jib Capacities

**777T**

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
Luffing Jib No. 139 On Boom No. 78T With Heavy Lift Top  
95,400 Lb. Crane Counterweight  
25,000 Lb. Front Bumper Counterweight  
360 Degree Rating On Fully Extended Outriggers

Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 180 Ft. Boom, 150 Ft. Luffing Jib, 60 Ft. Fixed Jib

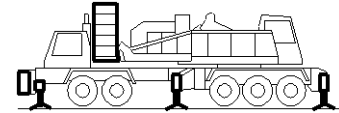
| Fixed Jib<br>Oper.<br>Rad.<br>Feet | 88 Degree<br>Boom Angle        |                                        |                                 | 83 Degree<br>Boom Angle        |                                        |                                 | 70 Degree<br>Boom Angle        |                                        |                                 | Fixed Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|------------------------------------|
|                                    | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds |                                    |
| 70                                 | 74.7                           | 394.1                                  | 14,200 *                        |                                |                                        |                                 |                                |                                        |                                 | 70                                 |
| 75                                 | 73.2                           | 392.6                                  | 13,900 *                        |                                |                                        |                                 |                                |                                        |                                 | 75                                 |
| 80                                 | 71.8                           | 390.9                                  | 13,700 *                        |                                |                                        |                                 |                                |                                        |                                 | 80                                 |
| 85                                 | 70.4                           | 389.1                                  | 13,500 *                        |                                |                                        |                                 |                                |                                        |                                 | 85                                 |
| 90                                 | 68.9                           | 387.2                                  | 13,300 *                        |                                |                                        |                                 |                                |                                        |                                 | 90                                 |
| 95                                 | 67.4                           | 385.1                                  | 13,000 *                        |                                |                                        |                                 |                                |                                        |                                 | 95                                 |
| 100                                | 65.9                           | 382.9                                  | 12,800 *                        | 70.6                           | 388.1                                  | 13,100 *                        |                                |                                        |                                 | 100                                |
| 105                                | 64.4                           | 380.5                                  | 12,600 *                        | 69.2                           | 386.2                                  | 12,900 *                        |                                |                                        |                                 | 105                                |
| 110                                | 62.9                           | 378.0                                  | 12,400 *                        | 67.7                           | 384.2                                  | 12,700 *                        |                                |                                        |                                 | 110                                |
| 115                                | 61.4                           | 375.3                                  | 12,200 *                        | 66.2                           | 382.0                                  | 12,600 *                        |                                |                                        |                                 | 115                                |
| 120                                | 59.8                           | 372.4                                  | 12,000 *                        | 64.7                           | 379.6                                  | 12,400 *                        |                                |                                        |                                 | 120                                |
| 125                                | 58.2                           | 369.3                                  | 11,800 *                        | 63.2                           | 377.1                                  | 12,200 *                        |                                |                                        |                                 | 125                                |
| 130                                | 56.6                           | 366.0                                  | 11,600 *                        | 61.6                           | 374.4                                  | 12,000 *                        |                                |                                        |                                 | 130                                |
| 135                                | 54.9                           | 362.5                                  | 11,500 *                        | 60.1                           | 371.5                                  | 11,900 *                        |                                |                                        |                                 | 135                                |
| 140                                | 53.2                           | 358.8                                  | 11,200 *                        | 58.5                           | 368.5                                  | 11,700 *                        |                                |                                        |                                 | 140                                |
| 145                                | 51.5                           | 354.8                                  | 10,800 *                        | 56.9                           | 365.2                                  | 11,600 *                        |                                |                                        |                                 | 145                                |
| 150                                | 49.7                           | 350.6                                  | 10,500 *                        | 55.2                           | 361.8                                  | 11,400 *                        |                                |                                        |                                 | 150                                |
| 155                                | 47.9                           | 346.1                                  | 10,200 *                        | 53.5                           | 358.1                                  | 11,300 *                        |                                |                                        |                                 | 155                                |
| 160                                | 46.0                           | 341.3                                  | 9,900 *                         | 51.8                           | 354.2                                  | 11,100 *                        |                                |                                        |                                 | 160                                |
| 165                                | 44.1                           | 336.2                                  | 9,600 *                         | 50.0                           | 350.0                                  | 10,800 *                        |                                |                                        |                                 | 165                                |
| 170                                | 42.1                           | 330.7                                  | 9,400 *                         | 48.2                           | 345.6                                  | 10,400 *                        |                                |                                        |                                 | 170                                |
| 175                                | 40.0                           | 324.8                                  | 9,100 *                         | 46.3                           | 340.8                                  | 10,100 *                        |                                |                                        |                                 | 175                                |
| 180                                | 37.8                           | 318.5                                  | 8,900 *                         | 44.4                           | 335.8                                  | 9,800 *                         |                                |                                        |                                 | 180                                |
| 185                                | 35.4                           | 311.6                                  | 8,700 *                         | 42.4                           | 330.4                                  | 9,600 *                         | 56.9                           | 355.4                                  | 6,900 *                         | 185                                |
| 190                                | 33.0                           | 304.0                                  | 8,500 *                         | 40.3                           | 324.5                                  | 9,300 *                         | 55.2                           | 352.0                                  | 6,600 *                         | 190                                |
| 195                                | 30.3                           | 295.7                                  | 8,300 *                         | 38.1                           | 318.3                                  | 9,100 *                         | 53.6                           | 348.3                                  | 6,400 *                         | 195                                |
| 200                                | 27.5                           | 286.3                                  | 8,100 *                         | 35.9                           | 311.4                                  | 8,900 *                         | 51.8                           | 344.4                                  | 6,100 *                         | 200                                |
| 205                                | 24.3                           | 275.7                                  | 7,800 *                         | 33.4                           | 304.0                                  | 8,600 *                         | 50.1                           | 340.2                                  | 5,800 *                         | 205                                |
| 210                                | 20.6                           | 263.2                                  | 7,600 *                         | 30.8                           | 295.8                                  | 8,400 *                         | 48.3                           | 335.8                                  | 5,500 *                         | 210                                |
| 220                                | 9.7                            | 224.4                                  | 6,900 *                         | 24.9                           | 276.3                                  | 8,100 *                         | 44.5                           | 326.0                                  | 5,000 *                         | 220                                |
| 230                                |                                |                                        |                                 | 17.0                           | 249.1                                  | 7,300 *                         | 40.4                           | 314.8                                  | 4,500 *                         | 230                                |
| 240                                |                                |                                        |                                 |                                |                                        |                                 | 35.9                           | 301.7                                  | 4,000 *                         | 240                                |

# Liftcrane Fixed Jib Capacities

**777T**

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
Luffing Jib No. 139 On Boom No. 78T With Heavy Lift Top  
95,400 Lb. Crane Counterweight  
25,000 Lb. Front Bumper Counterweight  
360 Degree Rating On Fully Extended Outriggers

Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 180 Ft. Boom, 160 Ft. Luffing Jib, 60 Ft. Fixed Jib

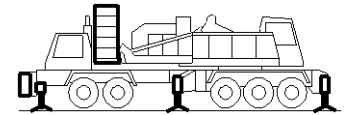
| Fixed Jib<br>Oper.<br>Rad.<br>Feet | 88 Degree<br>Boom Angle        |                                        |                                 | 83 Degree<br>Boom Angle        |                                        |                                 | 70 Degree<br>Boom Angle        |                                        |                                 | Fixed Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|------------------------------------|
|                                    | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds |                                    |
| 70                                 | 75.4                           | 404.5                                  | 13,400 *                        |                                |                                        |                                 |                                |                                        |                                 | 70                                 |
| 75                                 | 74.0                           | 403.0                                  | 13,500 *                        |                                |                                        |                                 |                                |                                        |                                 | 75                                 |
| 80                                 | 72.7                           | 401.5                                  | 13,000 *                        |                                |                                        |                                 |                                |                                        |                                 | 80                                 |
| 85                                 | 71.3                           | 399.8                                  | 12,900 *                        |                                |                                        |                                 |                                |                                        |                                 | 85                                 |
| 90                                 | 69.9                           | 397.9                                  | 12,600 *                        |                                |                                        |                                 |                                |                                        |                                 | 90                                 |
| 95                                 | 68.5                           | 396.0                                  | 12,400 *                        |                                |                                        |                                 |                                |                                        |                                 | 95                                 |
| 100                                | 67.1                           | 393.9                                  | 12,200 *                        |                                |                                        |                                 |                                |                                        |                                 | 100                                |
| 105                                | 65.7                           | 391.6                                  | 12,000 *                        | 70.1                           | 396.9                                  | 12,200 *                        |                                |                                        |                                 | 105                                |
| 110                                | 64.2                           | 389.2                                  | 11,900 *                        | 68.8                           | 395.0                                  | 12,100 *                        |                                |                                        |                                 | 110                                |
| 115                                | 62.8                           | 386.6                                  | 11,700 *                        | 67.3                           | 392.9                                  | 12,000 *                        |                                |                                        |                                 | 115                                |
| 120                                | 61.3                           | 383.9                                  | 11,500 *                        | 65.9                           | 390.7                                  | 11,800 *                        |                                |                                        |                                 | 120                                |
| 125                                | 59.8                           | 381.0                                  | 11,400 *                        | 64.5                           | 388.3                                  | 11,600 *                        |                                |                                        |                                 | 125                                |
| 130                                | 58.3                           | 377.9                                  | 11,200 *                        | 63.0                           | 385.8                                  | 11,500 *                        |                                |                                        |                                 | 130                                |
| 135                                | 56.7                           | 374.7                                  | 11,000 *                        | 61.6                           | 383.1                                  | 11,300 *                        |                                |                                        |                                 | 135                                |
| 140                                | 55.2                           | 371.2                                  | 10,900 *                        | 60.1                           | 380.2                                  | 11,200 *                        |                                |                                        |                                 | 140                                |
| 145                                | 53.6                           | 367.5                                  | 10,600 *                        | 58.6                           | 377.1                                  | 11,100 *                        |                                |                                        |                                 | 145                                |
| 150                                | 51.9                           | 363.6                                  | 10,300 *                        | 57.0                           | 373.9                                  | 10,900 *                        |                                |                                        |                                 | 150                                |
| 155                                | 50.2                           | 359.5                                  | 10,000 *                        | 55.4                           | 370.5                                  | 10,800 *                        |                                |                                        |                                 | 155                                |
| 160                                | 48.5                           | 355.1                                  | 9,700 *                         | 53.8                           | 366.8                                  | 10,700 *                        |                                |                                        |                                 | 160                                |
| 165                                | 46.7                           | 350.4                                  | 9,500 *                         | 52.2                           | 363.0                                  | 10,500 *                        |                                |                                        |                                 | 165                                |
| 170                                | 44.9                           | 345.4                                  | 9,200 *                         | 50.5                           | 358.9                                  | 10,300 *                        |                                |                                        |                                 | 170                                |
| 175                                | 43.0                           | 340.1                                  | 9,000 *                         | 48.8                           | 354.5                                  | 10,000 *                        |                                |                                        |                                 | 175                                |
| 180                                | 41.0                           | 334.4                                  | 8,800 *                         | 47.0                           | 349.9                                  | 9,700 *                         |                                |                                        |                                 | 180                                |
| 185                                | 39.0                           | 328.3                                  | 8,600 *                         | 45.2                           | 345.0                                  | 9,400 *                         |                                |                                        |                                 | 185                                |
| 190                                | 36.9                           | 321.8                                  | 8,400 *                         | 43.3                           | 339.7                                  | 9,200 *                         | 57.0                           | 364.1                                  | 6,100 *                         | 190                                |
| 195                                | 34.6                           | 314.6                                  | 8,200 *                         | 41.4                           | 334.1                                  | 9,000 *                         | 55.5                           | 360.7                                  | 5,800 *                         | 195                                |
| 200                                | 32.2                           | 306.9                                  | 8,000 *                         | 39.4                           | 328.1                                  | 8,700 *                         | 53.9                           | 357.0                                  | 5,600 *                         | 200                                |
| 205                                | 29.6                           | 298.3                                  | 7,800 *                         | 37.2                           | 321.6                                  | 8,500 *                         | 52.2                           | 353.2                                  | 5,300 *                         | 205                                |
| 210                                | 26.8                           | 288.7                                  | 7,500 *                         | 35.0                           | 314.6                                  | 8,300 *                         | 50.6                           | 349.1                                  | 5,100 *                         | 210                                |
| 220                                | 20.1                           | 264.9                                  | 7,000 *                         | 30.1                           | 298.5                                  | 7,600 *                         | 47.1                           | 340.1                                  | 4,500 *                         | 220                                |
| 230                                | 9.5                            | 225.1                                  | 5,800 *                         | 24.3                           | 278.4                                  | 6,900 *                         | 43.4                           | 330.0                                  | 4,100 *                         | 230                                |
| 240                                |                                |                                        |                                 | 16.6                           | 250.5                                  | 6,200 *                         |                                |                                        |                                 | 240                                |

# Liftcrane Fixed Jib Capacities

**777T**

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
Luffing Jib No. 139 On Boom No. 78T With Heavy Lift Top  
95,400 Lb. Crane Counterweight  
25,000 Lb. Front Bumper Counterweight  
360 Degree Rating On Fully Extended Outriggers

Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 180 Ft. Boom, 170 Ft. Luffing Jib, 60 Ft. Fixed Jib

| Fixed Jib<br>Oper.<br>Rad.<br>Feet | 88 Degree<br>Boom Angle        |                                        |                                 | 83 Degree<br>Boom Angle        |                                        |                                 | 70 Degree<br>Boom Angle        |                                        |                                 | Fixed Jib<br>Oper.<br>Rad.<br>Feet |
|------------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|------------------------------------|
|                                    | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds | Luffing<br>Jib<br>Ang.<br>Deg. | Fixed<br>Jib<br>Point<br>Elev.<br>Feet | Fixed Jib<br>Capacity<br>Pounds |                                    |
| 70                                 | 76.0                           | 414.8                                  | 12,600 *                        |                                |                                        |                                 |                                |                                        |                                 | 70                                 |
| 75                                 | 74.7                           | 413.4                                  | 12,500 *                        |                                |                                        |                                 |                                |                                        |                                 | 75                                 |
| 80                                 | 73.4                           | 412.0                                  | 12,300 *                        |                                |                                        |                                 |                                |                                        |                                 | 80                                 |
| 85                                 | 72.1                           | 410.3                                  | 12,100 *                        |                                |                                        |                                 |                                |                                        |                                 | 85                                 |
| 90                                 | 70.8                           | 408.6                                  | 11,900 *                        |                                |                                        |                                 |                                |                                        |                                 | 90                                 |
| 95                                 | 69.5                           | 406.7                                  | 11,800 *                        |                                |                                        |                                 |                                |                                        |                                 | 95                                 |
| 100                                | 68.2                           | 404.7                                  | 11,600 *                        |                                |                                        |                                 |                                |                                        |                                 | 100                                |
| 105                                | 66.8                           | 402.6                                  | 11,400 *                        |                                |                                        |                                 |                                |                                        |                                 | 105                                |
| 110                                | 65.4                           | 400.3                                  | 11,200 *                        | 69.7                           | 405.7                                  | 11,400 *                        |                                |                                        |                                 | 110                                |
| 115                                | 64.1                           | 397.9                                  | 11,100 *                        | 68.4                           | 403.8                                  | 11,300 *                        |                                |                                        |                                 | 115                                |
| 120                                | 62.7                           | 395.3                                  | 10,900 *                        | 67.0                           | 401.6                                  | 11,100 *                        |                                |                                        |                                 | 120                                |
| 125                                | 61.3                           | 392.6                                  | 10,800 *                        | 65.7                           | 399.4                                  | 11,000 *                        |                                |                                        |                                 | 125                                |
| 130                                | 59.8                           | 389.7                                  | 10,600 *                        | 64.3                           | 397.0                                  | 10,900 *                        |                                |                                        |                                 | 130                                |
| 135                                | 58.4                           | 386.6                                  | 10,500 *                        | 62.9                           | 394.4                                  | 10,700 *                        |                                |                                        |                                 | 135                                |
| 140                                | 56.9                           | 383.4                                  | 10,400 *                        | 61.5                           | 391.7                                  | 10,600 *                        |                                |                                        |                                 | 140                                |
| 145                                | 55.4                           | 379.9                                  | 10,200 *                        | 60.1                           | 388.8                                  | 10,500 *                        |                                |                                        |                                 | 145                                |
| 150                                | 53.8                           | 376.3                                  | 10,100 *                        | 58.6                           | 385.8                                  | 10,400 *                        |                                |                                        |                                 | 150                                |
| 155                                | 52.3                           | 372.4                                  | 9,800 *                         | 57.1                           | 382.6                                  | 10,300 *                        |                                |                                        |                                 | 155                                |
| 160                                | 50.7                           | 368.4                                  | 9,500 *                         | 55.6                           | 379.2                                  | 10,200 *                        |                                |                                        |                                 | 160                                |
| 165                                | 49.0                           | 364.0                                  | 9,300 *                         | 54.1                           | 375.6                                  | 10,000 *                        |                                |                                        |                                 | 165                                |
| 170                                | 47.4                           | 359.5                                  | 9,000 *                         | 52.6                           | 371.8                                  | 9,900 *                         |                                |                                        |                                 | 170                                |
| 175                                | 45.6                           | 354.6                                  | 8,800 *                         | 51.0                           | 367.7                                  | 9,700 *                         |                                |                                        |                                 | 175                                |
| 180                                | 43.8                           | 349.5                                  | 8,600 *                         | 49.3                           | 363.5                                  | 9,500 *                         |                                |                                        |                                 | 180                                |
| 185                                | 42.0                           | 344.0                                  | 8,400 *                         | 47.7                           | 358.9                                  | 9,200 *                         |                                |                                        |                                 | 185                                |
| 190                                | 40.1                           | 338.1                                  | 8,200 *                         | 45.9                           | 354.1                                  | 9,000 *                         |                                |                                        |                                 | 190                                |
| 195                                | 38.1                           | 331.8                                  | 8,000 *                         | 44.2                           | 349.0                                  | 8,800 *                         | 57.2                           | 372.8                                  | 5,500 *                         | 195                                |
| 200                                | 36.0                           | 325.0                                  | 7,800 *                         | 42.3                           | 343.6                                  | 8,500 *                         | 55.7                           | 369.4                                  | 5,300 *                         | 200                                |
| 205                                | 33.8                           | 317.7                                  | 7,600 *                         | 40.4                           | 337.8                                  | 8,300 *                         | 54.1                           | 365.8                                  | 5,000 *                         | 205                                |
| 210                                | 31.5                           | 309.6                                  | 7,400 *                         | 38.4                           | 331.6                                  | 8,100 *                         | 52.6                           | 362.0                                  | 4,800 *                         | 210                                |
| 220                                | 26.2                           | 291.0                                  | 6,900 *                         | 34.2                           | 317.6                                  | 7,300 *                         | 49.4                           | 353.7                                  | 4,300 *                         | 220                                |
| 230                                | 19.7                           | 266.6                                  | 6,400 *                         | 29.4                           | 301.1                                  | 6,500 *                         |                                |                                        |                                 | 230                                |
| 240                                | 9.2                            | 225.9                                  | 4,800 *                         | 23.7                           | 280.5                                  | 5,800 *                         |                                |                                        |                                 | 240                                |
| 250                                |                                |                                        |                                 | 16.2                           | 251.9                                  | 5,200 *                         |                                |                                        |                                 | 250                                |