

# Liftcrane Fixed Jib Capacities

**New York City Code  
Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating**

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

## 999 SERIES 2

**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 New York City criteria of 1.4 factor applied to total machine moment. Capacities based on structural competence are denoted by an asterisk (\*).

Consult Luffing Jib Raising Procedure chart **No. 8422-B** for Maximum Number of Lower Boom Point Sheaves (Layout Jack-Knife Method table, column A).

Weight of all load blocks, hooks, weight ball, slings, hoist lines, etc., beneath boom, intermediate fall, 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 gantry up and bearing turntable level within a tolerance of 1/2 in. in 10 Ft. and properly supported. During operation, boom must be maintained at one of the selected angles shown in chart. Refer to fixed jib assembly **No. 196404**, luffing jib assembly **No. A01031**, Wire Rope Specification chart **No. 8357-B** and Luffing Jib Raising Procedure chart **No. 8422-B**. Crane operator judgment must be used to allow for dynamic load effects of swinging, hoisting or lowering, travel, wind conditions, as well as adverse operating conditions and physical machine depreciation. Refer to operators manual for operating guidelines.

**MACHINE TRAVEL:** Machine to travel on a firm, level and uniformly supporting surface with boom and luffing jib within angle range shown in capacity chart. Refer to Maximum Allowable Travel Specification chart **No. 8360-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 28 Ft. 2 in. crawlers, 48 in. treads, 10 Ft. 3 in. retractable gantry, 30 Ft. live mast, 20 part boom hoist reeving, boom support straps, 9 part luffing jib hoist reeving, luffing jib straps, two 1-1/2 in. luffing jib backstay pendants, 184,600 Lb. crane counterweight and two 22,000 Lb. carbody counterweights.

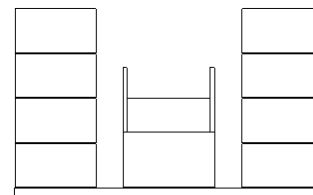
Maximum capacity on 26 mm wire rope is 29,500 Lbs. per line (20,000 Lbs. on 26 mm or 1 in. wire rope when auxiliary drum is used).

Consult chart **No. 8417-A** for luffing jib capacities. Consult chart **No. 8368-A** for intermediate fall capacities with fixed jib attached.

Lower boom point cannot be used when using this chart.

**Intermediate Fall Deduct**

Deduct 1,200 Lbs. From Capacities  
When Luffing Jib Is Equipped  
With Intermediate Fall.



184,600 Lb. Crane Counterweight  
8 Side Boxes - 1 Center Box



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## 999 SERIES 2

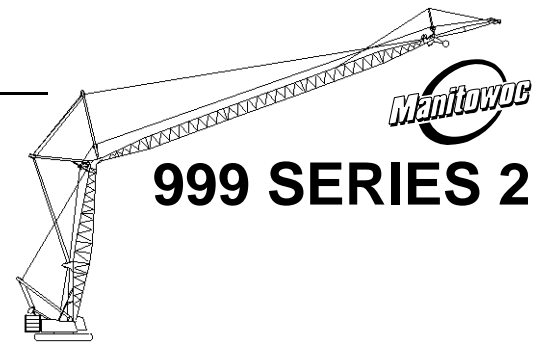
New York City Code  
 Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82

Designed And Tested  
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 ANSI B30.5

184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | 80 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 65                        | 74.9                      | 283.2                      | 48,700*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 65                        |
| 70                        | 73.4                      | 281.7                      | 47,400*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 70                        |
| 75                        | 71.9                      | 280.1                      | 47,200*                   | 72.8                      | 280.8                      | 53,700*                   |                           |                            |                           |                           |                            |                           | 75                        |
| 80                        | 70.4                      | 278.3                      | 46,900*                   | 71.3                      | 279.1                      | 51,300*                   |                           |                            |                           |                           |                            |                           | 80                        |
| 85                        | 68.9                      | 276.4                      | 46,600*                   | 69.8                      | 277.3                      | 49,000*                   |                           |                            |                           |                           |                            |                           | 85                        |
| 90                        | 67.4                      | 274.3                      | 45,600*                   | 68.2                      | 275.3                      | 47,000*                   | 69.5                      | 276.4                      | 47,400                    |                           |                            |                           | 90                        |
| 95                        | 65.8                      | 272.1                      | 43,800*                   | 66.7                      | 273.1                      | 45,100*                   | 68.0                      | 274.4                      | 43,800                    |                           |                            |                           | 95                        |
| 100                       | 64.3                      | 269.7                      | 42,200*                   | 65.1                      | 270.8                      | 42,400                    | 66.4                      | 272.2                      | 40,500                    |                           |                            |                           | 100                       |
| 105                       | 62.7                      | 267.2                      | 40,600*                   | 63.6                      | 268.4                      | 39,400                    | 64.9                      | 269.9                      | 37,600                    | 66.2                      | 271.1                      | 35,800                    | 105                       |
| 110                       | 61.1                      | 264.4                      | 37,800                    | 62.0                      | 265.7                      | 36,700                    | 63.3                      | 267.4                      | 35,000                    | 64.6                      | 268.8                      | 33,300                    | 110                       |
| 115                       | 59.4                      | 261.5                      | 35,300                    | 60.4                      | 262.9                      | 34,200                    | 61.7                      | 264.8                      | 32,600                    | 63.0                      | 266.2                      | 31,000                    | 115                       |
| 120                       | 57.8                      | 258.4                      | 33,000                    | 58.7                      | 259.9                      | 32,000                    | 60.1                      | 261.9                      | 30,500                    | 61.4                      | 263.5                      | 28,900                    | 120                       |
| 125                       | 56.1                      | 255.0                      | 31,000                    | 57.0                      | 256.7                      | 30,000                    | 58.4                      | 258.9                      | 28,500                    | 59.8                      | 260.6                      | 27,000                    | 125                       |
| 130                       | 54.3                      | 251.5                      | 29,000                    | 55.3                      | 253.3                      | 28,100                    | 56.7                      | 255.6                      | 26,700                    | 58.1                      | 257.6                      | 25,300                    | 130                       |
| 135                       | 52.6                      | 247.7                      | 27,300                    | 53.6                      | 249.6                      | 26,400                    | 55.0                      | 252.1                      | 25,000                    | 56.4                      | 254.3                      | 23,700                    | 135                       |
| 140                       | 50.7                      | 243.6                      | 25,700                    | 51.8                      | 245.7                      | 24,800                    | 53.3                      | 248.4                      | 23,500                    | 54.7                      | 250.8                      | 22,200                    | 140                       |
| 145                       | 48.9                      | 239.3                      | 24,200                    | 49.9                      | 241.5                      | 23,300                    | 51.5                      | 244.5                      | 22,100                    | 52.9                      | 247.0                      | 20,800                    | 145                       |
| 150                       | 47.0                      | 234.7                      | 22,700                    | 48.0                      | 237.1                      | 21,900                    | 49.6                      | 240.3                      | 20,700                    | 51.1                      | 243.0                      | 19,500                    | 150                       |
| 155                       | 45.0                      | 229.8                      | 21,400                    | 46.1                      | 232.3                      | 20,700                    | 47.7                      | 235.8                      | 19,500                    | 49.3                      | 238.8                      | 18,300                    | 155                       |
| 160                       | 42.9                      | 224.5                      | 20,200                    | 44.1                      | 227.2                      | 19,500                    | 45.8                      | 231.0                      | 18,400                    | 47.4                      | 234.2                      | 17,200                    | 160                       |
| 165                       | 40.8                      | 218.8                      | 19,100                    | 42.0                      | 221.8                      | 18,400                    | 43.7                      | 225.8                      | 17,300                    | 45.4                      | 229.4                      | 16,200                    | 165                       |
| 170                       | 38.5                      | 212.6                      | 18,000                    | 39.8                      | 215.9                      | 17,300                    | 41.6                      | 220.3                      | 16,200                    | 43.4                      | 224.2                      | 15,200                    | 170                       |
| 175                       | 36.2                      | 205.9                      | 17,000                    | 37.5                      | 209.5                      | 16,300                    | 39.4                      | 214.3                      | 15,300                    | 41.2                      | 218.5                      | 14,300                    | 175                       |
| 180                       | 33.7                      | 198.6                      | 16,000                    | 35.1                      | 202.5                      | 15,400                    | 37.1                      | 207.8                      | 14,400                    | 39.0                      | 212.5                      | 13,400                    | 180                       |
| 185                       | 31.0                      | 190.5                      | 15,100                    | 32.5                      | 194.9                      | 14,500                    | 34.6                      | 200.8                      | 13,500                    | 36.7                      | 205.9                      | 12,600                    | 185                       |
| 190                       | 28.0                      | 181.4                      | 14,300                    | 29.7                      | 186.4                      | 13,600                    | 32.0                      | 193.0                      | 12,700                    | 34.2                      | 198.7                      | 11,800                    | 190                       |
| 195                       | 24.8                      | 171.1                      | 13,400                    | 26.6                      | 176.8                      | 12,800                    | 29.2                      | 184.3                      | 11,900                    | 31.6                      | 190.8                      | 11,100                    | 195                       |
| 200                       | 21.1                      | 158.9                      | 12,700                    | 23.2                      | 165.7                      | 12,100                    | 26.1                      | 174.5                      | 11,200                    | 28.7                      | 182.0                      | 10,300                    | 200                       |
| 205                       | 16.5                      | 143.7                      | 11,900                    | 19.2                      | 152.4                      | 11,300                    | 22.6                      | 163.1                      | 10,500                    | 25.5                      | 171.9                      | 9,700                     | 205                       |
| 210                       | 10.1                      | 121.5                      | 10,300*                   | 14.1                      | 135.0                      | 10,600                    | 18.4                      | 149.3                      | 9,800                     | 21.9                      | 160.2                      | 9,000                     | 210                       |
| 215                       |                           |                            |                           | 4.9                       | 103.0                      | 9,000*                    | 13.0                      | 130.8                      | 9,100                     | 17.6                      | 145.8                      | 8,400                     | 215                       |
| 220                       |                           |                            |                           |                           |                            |                           |                           |                            |                           | 11.8                      | 125.9                      | 7,800                     | 220                       |



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

New York City Code  
 Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82  
 184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

Designed And Tested  
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 ANSI B30.5

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

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | 80 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 70                        | 74.2                      | 292.1                      | 43,300*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 70                        |
| 75                        | 72.8                      | 290.6                      | 43,000*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 75                        |
| 80                        | 71.4                      | 288.9                      | 42,700*                   | 72.2                      | 289.7                      | 49,500*                   |                           |                            |                           |                           |                            |                           | 80                        |
| 85                        | 70.0                      | 287.1                      | 42,500*                   | 70.8                      | 287.9                      | 47,600*                   |                           |                            |                           |                           |                            |                           | 85                        |
| 90                        | 68.5                      | 285.2                      | 42,100*                   | 69.3                      | 286.1                      | 45,600*                   |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 67.0                      | 283.1                      | 41,800*                   | 67.9                      | 284.0                      | 43,700*                   | 69.1                      | 285.2                      | 43,200                    |                           |                            |                           | 95                        |
| 100                       | 65.6                      | 280.8                      | 40,700*                   | 66.4                      | 281.9                      | 41,800                    | 67.6                      | 283.2                      | 39,900                    |                           |                            |                           | 100                       |
| 105                       | 64.1                      | 278.4                      | 38,800*                   | 64.9                      | 279.5                      | 38,800                    | 66.1                      | 281.0                      | 37,000                    |                           |                            |                           | 105                       |
| 110                       | 62.6                      | 275.8                      | 37,100*                   | 63.4                      | 277.1                      | 36,100                    | 64.7                      | 278.6                      | 34,400                    | 65.9                      | 279.8                      | 32,700                    | 110                       |
| 115                       | 61.0                      | 273.1                      | 34,800                    | 61.9                      | 274.4                      | 33,700                    | 63.2                      | 276.1                      | 32,000                    | 64.4                      | 277.4                      | 30,400                    | 115                       |
| 120                       | 59.5                      | 270.1                      | 32,500                    | 60.3                      | 271.6                      | 31,400                    | 61.6                      | 273.4                      | 29,900                    | 62.9                      | 274.9                      | 28,300                    | 120                       |
| 125                       | 57.9                      | 267.0                      | 30,400                    | 58.8                      | 268.6                      | 29,400                    | 60.1                      | 270.6                      | 27,900                    | 61.4                      | 272.2                      | 26,400                    | 125                       |
| 130                       | 56.3                      | 263.7                      | 28,500                    | 57.2                      | 265.4                      | 27,500                    | 58.5                      | 267.5                      | 26,100                    | 59.8                      | 269.3                      | 24,700                    | 130                       |
| 135                       | 54.6                      | 260.2                      | 26,700                    | 55.5                      | 262.0                      | 25,800                    | 56.9                      | 264.3                      | 24,400                    | 58.2                      | 266.2                      | 23,100                    | 135                       |
| 140                       | 52.9                      | 256.5                      | 25,100                    | 53.9                      | 258.3                      | 24,200                    | 55.3                      | 260.9                      | 22,900                    | 56.6                      | 263.0                      | 21,600                    | 140                       |
| 145                       | 51.2                      | 252.5                      | 23,600                    | 52.2                      | 254.5                      | 22,700                    | 53.6                      | 257.2                      | 21,500                    | 55.0                      | 259.5                      | 20,200                    | 145                       |
| 150                       | 49.4                      | 248.2                      | 22,200                    | 50.4                      | 250.4                      | 21,400                    | 51.9                      | 253.3                      | 20,100                    | 53.3                      | 255.8                      | 18,900                    | 150                       |
| 155                       | 47.6                      | 243.7                      | 20,900                    | 48.7                      | 246.1                      | 20,100                    | 50.1                      | 249.2                      | 18,900                    | 51.6                      | 251.9                      | 17,700                    | 155                       |
| 160                       | 45.8                      | 238.9                      | 19,700                    | 46.8                      | 241.4                      | 18,900                    | 48.3                      | 244.8                      | 17,800                    | 49.8                      | 247.7                      | 16,600                    | 160                       |
| 165                       | 43.8                      | 233.8                      | 18,500                    | 44.9                      | 236.5                      | 17,800                    | 46.5                      | 240.1                      | 16,700                    | 48.0                      | 243.2                      | 15,600                    | 165                       |
| 170                       | 41.8                      | 228.3                      | 17,500                    | 43.0                      | 231.2                      | 16,700                    | 44.6                      | 235.1                      | 15,700                    | 46.2                      | 238.5                      | 14,600                    | 170                       |
| 175                       | 39.7                      | 222.4                      | 16,400                    | 40.9                      | 225.5                      | 15,800                    | 42.6                      | 229.7                      | 14,700                    | 44.3                      | 233.4                      | 13,700                    | 175                       |
| 180                       | 37.6                      | 216.0                      | 15,500                    | 38.8                      | 219.4                      | 14,800                    | 40.6                      | 224.0                      | 13,800                    | 42.3                      | 228.0                      | 12,800                    | 180                       |
| 185                       | 35.3                      | 209.1                      | 14,600                    | 36.6                      | 212.8                      | 13,900                    | 38.4                      | 217.8                      | 13,000                    | 40.2                      | 222.2                      | 12,000                    | 185                       |
| 190                       | 32.8                      | 201.5                      | 13,700                    | 34.2                      | 205.6                      | 13,100                    | 36.2                      | 211.1                      | 12,200                    | 38.0                      | 215.9                      | 11,200                    | 190                       |
| 195                       | 30.2                      | 193.1                      | 12,900                    | 31.7                      | 197.7                      | 12,300                    | 33.8                      | 203.8                      | 11,400                    | 35.8                      | 209.1                      | 10,500                    | 195                       |
| 200                       | 27.3                      | 183.8                      | 12,100                    | 29.0                      | 188.9                      | 11,500                    | 31.2                      | 195.7                      | 10,700                    | 33.4                      | 201.7                      | 9,800                     | 200                       |
| 205                       | 24.2                      | 173.2                      | 11,400                    | 26.0                      | 179.1                      | 10,800                    | 28.5                      | 186.8                      | 10,000                    | 30.8                      | 193.5                      | 9,100                     | 205                       |
| 210                       | 20.5                      | 160.7                      | 10,700                    | 22.6                      | 167.7                      | 10,100                    | 25.5                      | 176.7                      | 9,300                     | 28.0                      | 184.4                      | 8,500                     | 210                       |
| 215                       | 16.1                      | 145.0                      | 10,000                    | 18.7                      | 154.0                      | 9,500                     | 22.0                      | 165.1                      | 8,700                     | 24.9                      | 174.1                      | 7,800                     | 215                       |
| 220                       | 9.9                       | 122.3                      | 8,500*                    | 13.7                      | 136.2                      | 8,800                     | 18.0                      | 150.9                      | 8,000                     | 21.4                      | 162.1                      | 7,200                     | 220                       |
| 225                       |                           |                            |                           | 4.8                       | 103.3                      | 7,300*                    | 12.7                      | 131.9                      | 7,400                     | 17.2                      | 147.3                      | 6,700                     | 225                       |
| 230                       |                           |                            |                           |                           |                            |                           |                           |                            |                           | 11.5                      | 126.8                      | 6,100                     | 230                       |



# Liftcrane Fixed Jib Capacities

**999 SERIES 2**

New York City Code

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

Boom No. 82

184,600 Lb. Crane Counterweight

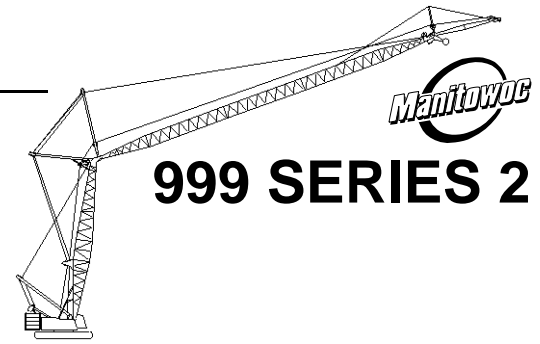
44,000 Lb. Carbody Counterweight

360 Degree Rating

Designed And Tested  
With The Intent To  
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## 80 Ft. Boom, 190 Ft. Luffing Jib, 30 Ft. Fixed Jib

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | 80 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 70                        | 74.9                      | 302.5                      | 39,700*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 70                        |
| 75                        | 73.6                      | 301.1                      | 39,400*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 75                        |
| 80                        | 72.3                      | 299.5                      | 39,000*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 80                        |
| 85                        | 70.9                      | 297.8                      | 38,700*                   | 71.7                      | 298.5                      | 44,900*                   |                           |                            |                           |                           |                            |                           | 85                        |
| 90                        | 69.5                      | 295.9                      | 38,400*                   | 70.3                      | 296.7                      | 44,600*                   |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 68.1                      | 293.9                      | 38,100*                   | 68.9                      | 294.8                      | 43,700*                   |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 66.7                      | 291.8                      | 37,800*                   | 67.5                      | 292.8                      | 41,400                    | 68.7                      | 294.0                      | 39,500                    |                           |                            |                           | 100                       |
| 105                       | 65.3                      | 289.5                      | 37,500*                   | 66.1                      | 290.6                      | 38,400                    | 67.3                      | 291.9                      | 36,600                    |                           |                            |                           | 105                       |
| 110                       | 63.9                      | 287.1                      | 36,900                    | 64.7                      | 288.2                      | 35,700                    | 65.9                      | 289.7                      | 34,000                    |                           |                            |                           | 110                       |
| 115                       | 62.4                      | 284.5                      | 34,400                    | 63.3                      | 285.7                      | 33,200                    | 64.5                      | 287.3                      | 31,600                    | 65.6                      | 288.5                      | 30,000                    | 115                       |
| 120                       | 61.0                      | 281.7                      | 32,100                    | 61.8                      | 283.1                      | 31,000                    | 63.0                      | 284.8                      | 29,500                    | 64.2                      | 286.1                      | 27,900                    | 120                       |
| 125                       | 59.5                      | 278.8                      | 30,000                    | 60.3                      | 280.2                      | 29,000                    | 61.6                      | 282.1                      | 27,500                    | 62.8                      | 283.6                      | 26,000                    | 125                       |
| 130                       | 58.0                      | 275.7                      | 28,100                    | 58.8                      | 277.2                      | 27,100                    | 60.1                      | 279.2                      | 25,700                    | 61.3                      | 280.9                      | 24,300                    | 130                       |
| 135                       | 56.4                      | 272.4                      | 26,400                    | 57.3                      | 274.0                      | 25,400                    | 58.6                      | 276.2                      | 24,000                    | 59.8                      | 278.0                      | 22,600                    | 135                       |
| 140                       | 54.9                      | 268.9                      | 24,800                    | 55.7                      | 270.7                      | 23,800                    | 57.0                      | 273.0                      | 22,500                    | 58.3                      | 274.9                      | 21,200                    | 140                       |
| 145                       | 53.3                      | 265.2                      | 23,300                    | 54.2                      | 267.1                      | 22,300                    | 55.5                      | 269.6                      | 21,100                    | 56.8                      | 271.7                      | 19,800                    | 145                       |
| 150                       | 51.6                      | 261.3                      | 21,900                    | 52.5                      | 263.3                      | 21,000                    | 53.9                      | 265.9                      | 19,700                    | 55.2                      | 268.2                      | 18,500                    | 150                       |
| 155                       | 50.0                      | 257.1                      | 20,500                    | 50.9                      | 259.3                      | 19,700                    | 52.3                      | 262.1                      | 18,500                    | 53.6                      | 264.6                      | 17,300                    | 155                       |
| 160                       | 48.2                      | 252.7                      | 19,300                    | 49.2                      | 255.0                      | 18,500                    | 50.6                      | 258.0                      | 17,400                    | 52.0                      | 260.7                      | 16,200                    | 160                       |
| 165                       | 46.5                      | 248.0                      | 18,200                    | 47.5                      | 250.5                      | 17,400                    | 48.9                      | 253.7                      | 16,300                    | 50.3                      | 256.6                      | 15,200                    | 165                       |
| 170                       | 44.7                      | 243.0                      | 17,100                    | 45.7                      | 245.6                      | 16,300                    | 47.2                      | 249.1                      | 15,300                    | 48.6                      | 252.2                      | 14,200                    | 170                       |
| 175                       | 42.8                      | 237.7                      | 16,100                    | 43.8                      | 240.5                      | 15,400                    | 45.4                      | 244.3                      | 14,300                    | 46.9                      | 247.6                      | 13,300                    | 175                       |
| 180                       | 40.8                      | 232.0                      | 15,200                    | 41.9                      | 235.0                      | 14,400                    | 43.5                      | 239.1                      | 13,400                    | 45.1                      | 242.6                      | 12,400                    | 180                       |
| 185                       | 38.8                      | 225.9                      | 14,300                    | 39.9                      | 229.1                      | 13,500                    | 41.6                      | 233.5                      | 12,600                    | 43.2                      | 237.4                      | 11,600                    | 185                       |
| 190                       | 36.7                      | 219.3                      | 13,400                    | 37.9                      | 222.8                      | 12,700                    | 39.6                      | 227.6                      | 11,800                    | 41.3                      | 231.8                      | 10,800                    | 190                       |
| 195                       | 34.4                      | 212.1                      | 12,600                    | 35.7                      | 216.0                      | 11,900                    | 37.5                      | 221.2                      | 11,000                    | 39.2                      | 225.7                      | 10,100                    | 195                       |
| 200                       | 32.0                      | 204.3                      | 11,800                    | 33.4                      | 208.5                      | 11,200                    | 35.3                      | 214.2                      | 10,300                    | 37.1                      | 219.3                      | 9,400                     | 200                       |
| 205                       | 29.5                      | 195.8                      | 11,100                    | 30.9                      | 200.4                      | 10,500                    | 33.0                      | 206.7                      | 9,600                     | 34.9                      | 212.2                      | 8,700                     | 205                       |
| 210                       | 26.7                      | 186.2                      | 10,400                    | 28.3                      | 191.4                      | 9,800                     | 30.5                      | 198.5                      | 8,900                     | 32.6                      | 204.6                      | 8,100                     | 210                       |
| 215                       | 23.6                      | 175.2                      | 9,700                     | 25.4                      | 181.3                      | 9,100                     | 27.8                      | 189.3                      | 8,300                     | 30.0                      | 196.2                      | 7,500                     | 215                       |
| 220                       | 20.1                      | 162.4                      | 9,100                     | 22.1                      | 169.6                      | 8,500                     | 24.9                      | 178.9                      | 7,700                     | 27.3                      | 186.8                      | 6,900                     | 220                       |
| 225                       | 15.8                      | 146.4                      | 8,500                     | 18.3                      | 155.6                      | 7,900                     | 21.5                      | 166.9                      | 7,100                     | 24.3                      | 176.2                      | 6,300                     | 225                       |
| 230                       | 9.6                       | 123.1                      | 7,000*                    | 13.4                      | 137.3                      | 7,300                     | 17.6                      | 152.4                      | 6,500                     | 20.9                      | 163.9                      | 5,800                     | 230                       |
| 235                       |                           |                            |                           | 4.7                       | 103.7                      | 5,900*                    | 12.4                      | 132.9                      | 6,000                     | 16.8                      | 148.7                      | 5,300                     | 235                       |
| 240                       |                           |                            |                           |                           |                            |                           |                           |                            |                           | 11.2                      | 127.8                      | 4,700                     | 240                       |



# Liftcrane Fixed Jib Capacities

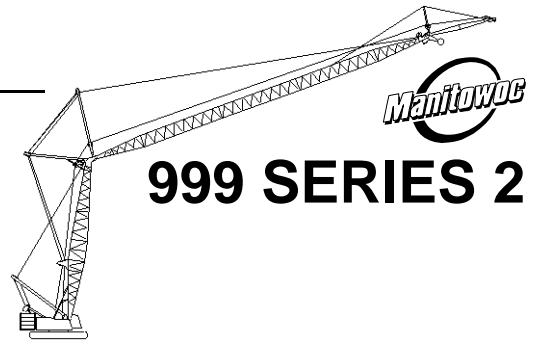
## 999 SERIES 2

New York City Code  
 Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82  
 184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 80 Ft. Boom, 200 Ft. Luffing Jib, 30 Ft. Fixed Jib

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | 80 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 75                        | 74.3                      | 311.5                      | 36,000*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 75                        |
| 80                        | 73.0                      | 310.0                      | 35,700*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 80                        |
| 85                        | 71.7                      | 308.4                      | 35,400*                   | 72.5                      | 309.1                      | 40,900*                   |                           |                            |                           |                           |                            |                           | 85                        |
| 90                        | 70.4                      | 306.6                      | 35,100*                   | 71.2                      | 307.4                      | 40,600*                   |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 69.1                      | 304.7                      | 34,700*                   | 69.9                      | 305.6                      | 40,300*                   |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 67.8                      | 302.7                      | 34,400*                   | 68.5                      | 303.6                      | 40,000*                   | 69.6                      | 304.7                      | 39,000                    |                           |                            |                           | 100                       |
| 105                       | 66.5                      | 300.5                      | 34,100*                   | 67.2                      | 301.5                      | 37,900                    | 68.3                      | 302.7                      | 36,100                    |                           |                            |                           | 105                       |
| 110                       | 65.1                      | 298.2                      | 33,800*                   | 65.9                      | 299.3                      | 35,200                    | 67.0                      | 300.6                      | 33,400                    |                           |                            |                           | 110                       |
| 115                       | 63.7                      | 295.8                      | 33,400*                   | 64.5                      | 296.9                      | 32,800                    | 65.6                      | 298.4                      | 31,100                    | 66.7                      | 299.5                      | 29,400                    | 115                       |
| 120                       | 62.3                      | 293.2                      | 31,600                    | 63.1                      | 294.4                      | 30,500                    | 64.3                      | 296.0                      | 28,900                    | 65.4                      | 297.2                      | 27,300                    | 120                       |
| 125                       | 60.9                      | 290.4                      | 29,500                    | 61.7                      | 291.7                      | 28,500                    | 62.9                      | 293.4                      | 27,000                    | 64.0                      | 294.8                      | 25,400                    | 125                       |
| 130                       | 59.5                      | 287.5                      | 27,600                    | 60.3                      | 288.9                      | 26,600                    | 61.5                      | 290.7                      | 25,200                    | 62.6                      | 292.2                      | 23,700                    | 130                       |
| 135                       | 58.1                      | 284.4                      | 25,800                    | 58.9                      | 285.9                      | 24,900                    | 60.1                      | 287.9                      | 23,500                    | 61.2                      | 289.5                      | 22,100                    | 135                       |
| 140                       | 56.6                      | 281.1                      | 24,200                    | 57.4                      | 282.7                      | 23,300                    | 58.6                      | 284.9                      | 22,000                    | 59.8                      | 286.6                      | 20,600                    | 140                       |
| 145                       | 55.1                      | 277.6                      | 22,700                    | 55.9                      | 279.4                      | 21,800                    | 57.2                      | 281.7                      | 20,500                    | 58.4                      | 283.6                      | 19,200                    | 145                       |
| 150                       | 53.6                      | 274.0                      | 21,300                    | 54.4                      | 275.8                      | 20,500                    | 55.7                      | 278.3                      | 19,200                    | 56.9                      | 280.3                      | 18,000                    | 150                       |
| 155                       | 52.0                      | 270.1                      | 20,000                    | 52.9                      | 272.1                      | 19,200                    | 54.2                      | 274.7                      | 18,000                    | 55.4                      | 276.9                      | 16,800                    | 155                       |
| 160                       | 50.4                      | 266.0                      | 18,800                    | 51.3                      | 268.1                      | 18,000                    | 52.6                      | 270.9                      | 16,800                    | 53.9                      | 273.3                      | 15,700                    | 160                       |
| 165                       | 48.8                      | 261.7                      | 17,700                    | 49.7                      | 263.9                      | 16,900                    | 51.0                      | 266.9                      | 15,800                    | 52.3                      | 269.5                      | 14,600                    | 165                       |
| 170                       | 47.1                      | 257.1                      | 16,600                    | 48.1                      | 259.5                      | 15,800                    | 49.4                      | 262.7                      | 14,800                    | 50.8                      | 265.4                      | 13,700                    | 170                       |
| 175                       | 45.4                      | 252.2                      | 15,600                    | 46.4                      | 254.7                      | 14,900                    | 47.8                      | 258.2                      | 13,800                    | 49.1                      | 261.1                      | 12,700                    | 175                       |
| 180                       | 43.6                      | 247.0                      | 14,600                    | 44.6                      | 249.7                      | 13,900                    | 46.1                      | 253.4                      | 12,900                    | 47.5                      | 256.6                      | 11,900                    | 180                       |
| 185                       | 41.8                      | 241.5                      | 13,700                    | 42.8                      | 244.4                      | 13,100                    | 44.3                      | 248.3                      | 12,100                    | 45.8                      | 251.8                      | 11,100                    | 185                       |
| 190                       | 39.9                      | 235.6                      | 12,900                    | 41.0                      | 238.7                      | 12,200                    | 42.5                      | 243.0                      | 11,300                    | 44.0                      | 246.7                      | 10,300                    | 190                       |
| 195                       | 37.9                      | 229.3                      | 12,100                    | 39.0                      | 232.6                      | 11,400                    | 40.6                      | 237.2                      | 10,500                    | 42.2                      | 241.2                      | 9,600                     | 195                       |
| 200                       | 35.8                      | 222.5                      | 11,300                    | 37.0                      | 226.1                      | 10,700                    | 38.7                      | 231.1                      | 9,800                     | 40.3                      | 235.4                      | 8,900                     | 200                       |
| 205                       | 33.6                      | 215.1                      | 10,600                    | 34.9                      | 219.1                      | 10,000                    | 36.7                      | 224.5                      | 9,100                     | 38.3                      | 229.2                      | 8,200                     | 205                       |
| 210                       | 31.3                      | 207.1                      | 9,900                     | 32.6                      | 211.5                      | 9,300                     | 34.5                      | 217.3                      | 8,400                     | 36.3                      | 222.5                      | 7,600                     | 210                       |
| 215                       | 28.8                      | 198.3                      | 9,200                     | 30.2                      | 203.1                      | 8,700                     | 32.2                      | 209.6                      | 7,800                     | 34.1                      | 215.3                      | 7,000                     | 215                       |
| 220                       | 26.1                      | 188.5                      | 8,600                     | 27.6                      | 193.9                      | 8,000                     | 29.8                      | 201.1                      | 7,200                     | 31.8                      | 207.4                      | 6,400                     | 220                       |
| 225                       | 23.1                      | 177.3                      | 8,000                     | 24.8                      | 183.5                      | 7,400                     | 27.2                      | 191.7                      | 6,600                     | 29.4                      | 198.8                      | 5,800                     | 225                       |
| 230                       | 19.6                      | 164.1                      | 7,400                     | 21.6                      | 171.5                      | 6,900                     | 24.3                      | 181.1                      | 6,100                     | 26.7                      | 189.2                      | 5,300                     | 230                       |
| 235                       | 15.4                      | 147.7                      | 6,800                     | 17.9                      | 157.1                      | 6,300                     | 21.0                      | 168.8                      | 5,600                     | 23.8                      | 178.3                      | 4,800                     | 235                       |
| 240                       | 9.4                       | 123.9                      | 5,500*                    | 13.1                      | 138.4                      | 5,800                     | 17.2                      | 153.9                      | 5,000                     | 20.4                      | 165.6                      | 4,300                     | 240                       |
| 245                       |                           |                            |                           | 4.5                       | 104.0                      | 4,400*                    | 12.1                      | 133.9                      | 4,500                     |                           |                            |                           | 245                       |



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

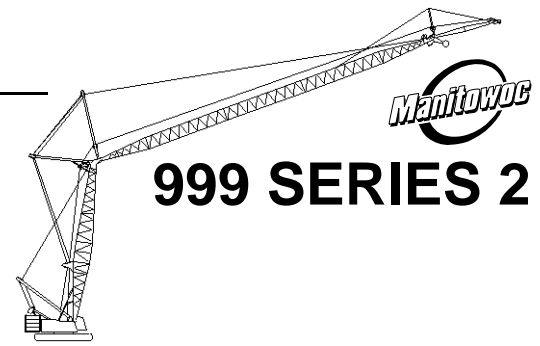
New York City Code  
 Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82

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

184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

### 80 Ft. Boom, 210 Ft. Luffing Jib, 30 Ft. Fixed Jib

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | 80 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 75                        | 75.0                      | 321.9                      | 33,000*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 75                        |
| 80                        | 73.8                      | 320.5                      | 32,700*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 80                        |
| 85                        | 72.5                      | 318.9                      | 32,300*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 85                        |
| 90                        | 71.3                      | 317.2                      | 32,000*                   | 72.0                      | 317.9                      | 37,100*                   |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 70.0                      | 315.4                      | 31,700*                   | 70.7                      | 316.2                      | 36,800*                   |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 68.8                      | 313.5                      | 31,400*                   | 69.5                      | 314.3                      | 36,400*                   |                           |                            |                           |                           |                            |                           | 100                       |
| 105                       | 67.5                      | 311.4                      | 31,100*                   | 68.2                      | 312.4                      | 36,100*                   | 69.3                      | 313.5                      | 35,500                    |                           |                            |                           | 105                       |
| 110                       | 66.2                      | 309.2                      | 30,700*                   | 66.9                      | 310.2                      | 34,700                    | 68.0                      | 311.5                      | 32,900                    |                           |                            |                           | 110                       |
| 115                       | 64.9                      | 306.9                      | 30,400*                   | 65.6                      | 308.0                      | 32,300                    | 66.7                      | 309.4                      | 30,600                    |                           |                            |                           | 115                       |
| 120                       | 63.6                      | 304.4                      | 30,100*                   | 64.3                      | 305.6                      | 30,000                    | 65.4                      | 307.1                      | 28,400                    | 66.5                      | 308.2                      | 26,800                    | 120                       |
| 125                       | 62.2                      | 301.8                      | 29,000                    | 63.0                      | 303.1                      | 28,000                    | 64.1                      | 304.7                      | 26,500                    | 65.2                      | 305.9                      | 24,900                    | 125                       |
| 130                       | 60.9                      | 299.1                      | 27,100                    | 61.7                      | 300.4                      | 26,100                    | 62.8                      | 302.1                      | 24,600                    | 63.9                      | 303.5                      | 23,200                    | 130                       |
| 135                       | 59.5                      | 296.1                      | 25,400                    | 60.3                      | 297.6                      | 24,400                    | 61.4                      | 299.4                      | 23,000                    | 62.5                      | 300.9                      | 21,600                    | 135                       |
| 140                       | 58.1                      | 293.0                      | 23,700                    | 58.9                      | 294.6                      | 22,800                    | 60.1                      | 296.5                      | 21,500                    | 61.2                      | 298.2                      | 20,100                    | 140                       |
| 145                       | 56.7                      | 289.8                      | 22,200                    | 57.5                      | 291.4                      | 21,300                    | 58.7                      | 293.5                      | 20,000                    | 59.8                      | 295.3                      | 18,700                    | 145                       |
| 150                       | 55.3                      | 286.4                      | 20,800                    | 56.1                      | 288.1                      | 20,000                    | 57.3                      | 290.3                      | 18,700                    | 58.4                      | 292.2                      | 17,500                    | 150                       |
| 155                       | 53.8                      | 282.7                      | 19,500                    | 54.7                      | 284.5                      | 18,700                    | 55.9                      | 287.0                      | 17,500                    | 57.0                      | 289.0                      | 16,300                    | 155                       |
| 160                       | 52.4                      | 278.9                      | 18,300                    | 53.2                      | 280.8                      | 17,500                    | 54.4                      | 283.4                      | 16,300                    | 55.6                      | 285.6                      | 15,200                    | 160                       |
| 165                       | 50.8                      | 274.9                      | 17,200                    | 51.7                      | 276.9                      | 16,400                    | 52.9                      | 279.7                      | 15,300                    | 54.2                      | 282.0                      | 14,100                    | 165                       |
| 170                       | 49.3                      | 270.6                      | 16,100                    | 50.2                      | 272.8                      | 15,400                    | 51.4                      | 275.7                      | 14,200                    | 52.7                      | 278.3                      | 13,100                    | 170                       |
| 175                       | 47.7                      | 266.1                      | 15,100                    | 48.6                      | 268.4                      | 14,400                    | 49.9                      | 271.5                      | 13,300                    | 51.2                      | 274.3                      | 12,200                    | 175                       |
| 180                       | 46.1                      | 261.3                      | 14,100                    | 47.0                      | 263.8                      | 13,400                    | 48.3                      | 267.1                      | 12,400                    | 49.6                      | 270.1                      | 11,400                    | 180                       |
| 185                       | 44.4                      | 256.3                      | 13,200                    | 45.3                      | 258.9                      | 12,600                    | 46.7                      | 262.5                      | 11,600                    | 48.0                      | 265.6                      | 10,600                    | 185                       |
| 190                       | 42.7                      | 250.9                      | 12,400                    | 43.6                      | 253.7                      | 11,700                    | 45.1                      | 257.5                      | 10,800                    | 46.4                      | 260.9                      | 9,800                     | 190                       |
| 195                       | 40.9                      | 245.2                      | 11,600                    | 41.9                      | 248.2                      | 11,000                    | 43.3                      | 252.3                      | 10,000                    | 44.8                      | 255.9                      | 9,100                     | 195                       |
| 200                       | 39.0                      | 239.2                      | 10,800                    | 40.1                      | 242.4                      | 10,200                    | 41.6                      | 246.7                      | 9,300                     | 43.0                      | 250.6                      | 8,400                     | 200                       |
| 205                       | 37.1                      | 232.6                      | 10,100                    | 38.2                      | 236.1                      | 9,500                     | 39.7                      | 240.8                      | 8,600                     | 41.3                      | 245.0                      | 7,700                     | 205                       |
| 210                       | 35.1                      | 225.6                      | 9,400                     | 36.2                      | 229.4                      | 8,800                     | 37.8                      | 234.5                      | 8,000                     | 39.4                      | 239.0                      | 7,100                     | 210                       |
| 215                       | 32.9                      | 218.1                      | 8,800                     | 34.1                      | 222.1                      | 8,200                     | 35.9                      | 227.7                      | 7,300                     | 37.5                      | 232.6                      | 6,500                     | 215                       |
| 220                       | 30.6                      | 209.8                      | 8,100                     | 31.9                      | 214.3                      | 7,600                     | 33.8                      | 220.4                      | 6,700                     | 35.5                      | 225.7                      | 5,900                     | 220                       |
| 225                       | 28.2                      | 200.8                      | 7,500                     | 29.6                      | 205.7                      | 7,000                     | 31.5                      | 212.4                      | 6,200                     | 33.4                      | 218.3                      | 5,400                     | 225                       |
| 230                       | 25.5                      | 190.7                      | 6,900                     | 27.0                      | 196.2                      | 6,400                     | 29.2                      | 203.7                      | 5,600                     | 31.1                      | 210.2                      | 4,800                     | 230                       |
| 235                       | 22.6                      | 179.2                      | 6,400                     | 24.3                      | 185.6                      | 5,900                     | 26.6                      | 194.0                      | 5,100                     | 28.7                      | 201.3                      | 4,300                     | 235                       |
| 240                       | 19.2                      | 165.8                      | 5,800                     | 21.1                      | 173.3                      | 5,300                     | 23.8                      | 183.1                      | 4,600                     |                           |                            |                           | 240                       |
| 245                       | 15.1                      | 149.0                      | 5,300                     | 17.5                      | 158.6                      | 4,800                     | 20.6                      | 170.5                      | 4,100                     |                           |                            |                           | 245                       |
| 250                       | 9.2                       | 124.7                      | 4,000*                    | 12.8                      | 139.5                      | 4,300                     |                           |                            |                           |                           |                            |                           | 250                       |



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

New York City Code  
Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

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

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

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | 80 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 70                        | 74.7                      | 292.0                      | 40,500*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 70                        |
| 75                        | 73.2                      | 290.5                      | 40,300*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 75                        |
| 80                        | 71.8                      | 288.8                      | 40,100*                   | 72.6                      | 289.6                      | 44,000*                   |                           |                            |                           |                           |                            |                           | 80                        |
| 85                        | 70.4                      | 287.0                      | 39,900*                   | 71.2                      | 287.8                      | 42,000*                   |                           |                            |                           |                           |                            |                           | 85                        |
| 90                        | 68.9                      | 285.1                      | 38,600*                   | 69.8                      | 285.9                      | 39,900*                   |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 67.5                      | 283.0                      | 36,800*                   | 68.3                      | 283.9                      | 38,100*                   | 69.5                      | 285.1                      | 40,000*                   |                           |                            |                           | 95                        |
| 100                       | 66.0                      | 280.7                      | 35,100*                   | 66.8                      | 281.8                      | 36,400*                   | 68.1                      | 283.1                      | 38,200*                   |                           |                            |                           | 100                       |
| 105                       | 64.5                      | 278.3                      | 33,600*                   | 65.3                      | 279.4                      | 34,800*                   | 66.6                      | 280.9                      | 36,500*                   |                           |                            |                           | 105                       |
| 110                       | 63.0                      | 275.7                      | 32,200*                   | 63.8                      | 276.9                      | 33,300*                   | 65.1                      | 278.5                      | 34,900*                   | 66.3                      | 279.7                      | 33,600                    | 110                       |
| 115                       | 61.5                      | 273.0                      | 30,800*                   | 62.3                      | 274.3                      | 31,900*                   | 63.6                      | 276.0                      | 32,900                    | 64.8                      | 277.3                      | 31,300                    | 115                       |
| 120                       | 59.9                      | 270.0                      | 29,600*                   | 60.8                      | 271.5                      | 30,600*                   | 62.1                      | 273.3                      | 30,800                    | 63.3                      | 274.8                      | 29,200                    | 120                       |
| 125                       | 58.3                      | 266.9                      | 28,400*                   | 59.2                      | 268.5                      | 29,400*                   | 60.5                      | 270.4                      | 28,800                    | 61.8                      | 272.1                      | 27,300                    | 125                       |
| 130                       | 56.7                      | 263.6                      | 27,300*                   | 57.6                      | 265.2                      | 28,200*                   | 58.9                      | 267.4                      | 27,000                    | 60.2                      | 269.2                      | 25,500                    | 130                       |
| 135                       | 55.0                      | 260.1                      | 26,300*                   | 56.0                      | 261.8                      | 26,700                    | 57.3                      | 264.2                      | 25,300                    | 58.7                      | 266.1                      | 23,900                    | 135                       |
| 140                       | 53.4                      | 256.3                      | 25,300*                   | 54.3                      | 258.2                      | 25,100                    | 55.7                      | 260.7                      | 23,700                    | 57.0                      | 262.8                      | 22,400                    | 140                       |
| 145                       | 51.6                      | 252.4                      | 24,400*                   | 52.6                      | 254.4                      | 23,600                    | 54.0                      | 257.1                      | 22,300                    | 55.4                      | 259.4                      | 21,100                    | 145                       |
| 150                       | 49.9                      | 248.1                      | 23,000                    | 50.9                      | 250.3                      | 22,200                    | 52.3                      | 253.2                      | 21,000                    | 53.7                      | 255.7                      | 19,800                    | 150                       |
| 155                       | 48.1                      | 243.6                      | 21,700                    | 49.1                      | 245.9                      | 20,900                    | 50.6                      | 249.1                      | 19,800                    | 52.0                      | 251.7                      | 18,600                    | 155                       |
| 160                       | 46.2                      | 238.8                      | 20,500                    | 47.2                      | 241.3                      | 19,700                    | 48.8                      | 244.6                      | 18,600                    | 50.3                      | 247.6                      | 17,500                    | 160                       |
| 165                       | 44.3                      | 233.6                      | 19,300                    | 45.3                      | 236.3                      | 18,600                    | 46.9                      | 240.0                      | 17,500                    | 48.5                      | 243.1                      | 16,400                    | 165                       |
| 170                       | 42.3                      | 228.1                      | 18,300                    | 43.4                      | 231.0                      | 17,600                    | 45.0                      | 234.9                      | 16,500                    | 46.6                      | 238.4                      | 15,400                    | 170                       |
| 175                       | 40.2                      | 222.2                      | 17,300                    | 41.3                      | 225.3                      | 16,600                    | 43.0                      | 229.6                      | 15,500                    | 44.7                      | 233.3                      | 14,500                    | 175                       |
| 180                       | 38.0                      | 215.8                      | 16,300                    | 39.2                      | 219.2                      | 15,600                    | 41.0                      | 223.8                      | 14,600                    | 42.7                      | 227.9                      | 13,600                    | 180                       |
| 185                       | 35.7                      | 208.9                      | 15,400                    | 37.0                      | 212.6                      | 14,700                    | 38.8                      | 217.6                      | 13,800                    | 40.6                      | 222.0                      | 12,800                    | 185                       |
| 190                       | 33.2                      | 201.3                      | 14,500                    | 34.6                      | 205.4                      | 13,900                    | 36.6                      | 210.9                      | 13,000                    | 38.5                      | 215.7                      | 12,000                    | 190                       |
| 195                       | 30.6                      | 192.9                      | 13,700                    | 32.1                      | 197.5                      | 13,100                    | 34.2                      | 203.6                      | 12,200                    | 36.2                      | 208.9                      | 11,300                    | 195                       |
| 200                       | 27.7                      | 183.6                      | 12,900                    | 29.4                      | 188.7                      | 12,300                    | 31.6                      | 195.6                      | 11,400                    | 33.8                      | 201.5                      | 10,600                    | 200                       |
| 205                       | 24.6                      | 172.9                      | 12,200                    | 26.4                      | 178.8                      | 11,600                    | 28.9                      | 186.6                      | 10,700                    | 31.2                      | 193.3                      | 9,900                     | 205                       |
| 210                       | 20.9                      | 160.4                      | 11,500                    | 23.0                      | 167.4                      | 10,900                    | 25.8                      | 176.5                      | 10,100                    | 28.4                      | 184.2                      | 9,200                     | 210                       |
| 215                       | 16.5                      | 144.7                      | 10,800                    | 19.1                      | 153.7                      | 10,200                    | 22.4                      | 164.8                      | 9,400                     | 25.3                      | 173.9                      | 8,600                     | 215                       |
| 220                       | 10.2                      | 121.7                      | 9,300*                    | 14.1                      | 135.7                      | 9,600                     | 18.3                      | 150.5                      | 8,800                     | 21.8                      | 161.8                      | 8,000                     | 220                       |
| 225                       |                           |                            |                           | 4.8                       | 101.9                      | 8,000*                    | 13.0                      | 131.4                      | 8,200                     | 17.5                      | 146.9                      | 7,400                     | 225                       |
| 230                       |                           |                            |                           |                           |                            |                           |                           |                            |                           | 11.8                      | 126.3                      | 6,900                     | 230                       |



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

New York City Code

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

Boom No. 82

184,600 Lb. Crane Counterweight

44,000 Lb. Carbody Counterweight

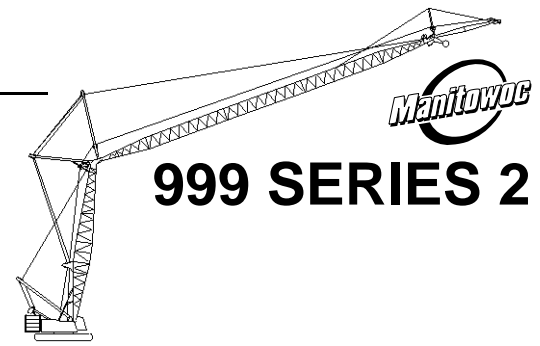
360 Degree Rating

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

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

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | 80 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 75                        | 74.0                      | 301.0                      | 37,400*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 75                        |
| 80                        | 72.7                      | 299.4                      | 37,100*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 80                        |
| 85                        | 71.3                      | 297.7                      | 36,900*                   | 72.1                      | 298.4                      | 40,100*                   |                           |                            |                           |                           |                            |                           | 85                        |
| 90                        | 69.9                      | 295.8                      | 36,700*                   | 70.7                      | 296.6                      | 38,200*                   |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 68.6                      | 293.8                      | 35,100*                   | 69.3                      | 294.7                      | 36,400*                   |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 67.2                      | 291.7                      | 33,600*                   | 67.9                      | 292.7                      | 34,700*                   | 69.1                      | 293.9                      | 36,400*                   |                           |                            |                           | 100                       |
| 105                       | 65.7                      | 289.4                      | 32,100*                   | 66.5                      | 290.5                      | 33,200*                   | 67.7                      | 291.8                      | 34,800*                   |                           |                            |                           | 105                       |
| 110                       | 64.3                      | 287.0                      | 30,800*                   | 65.1                      | 288.1                      | 31,800*                   | 66.3                      | 289.6                      | 33,300*                   |                           |                            |                           | 110                       |
| 115                       | 62.9                      | 284.4                      | 29,500*                   | 63.7                      | 285.6                      | 30,500*                   | 64.9                      | 287.2                      | 31,900*                   | 66.0                      | 288.4                      | 30,700                    | 115                       |
| 120                       | 61.4                      | 281.6                      | 28,300*                   | 62.2                      | 283.0                      | 29,300*                   | 63.4                      | 284.7                      | 30,200                    | 64.6                      | 286.0                      | 28,600                    | 120                       |
| 125                       | 59.9                      | 278.7                      | 27,200*                   | 60.7                      | 280.1                      | 28,100*                   | 62.0                      | 282.0                      | 28,200                    | 63.2                      | 283.5                      | 26,700                    | 125                       |
| 130                       | 58.4                      | 275.6                      | 26,100*                   | 59.2                      | 277.1                      | 27,000*                   | 60.5                      | 279.1                      | 26,400                    | 61.7                      | 280.7                      | 24,900                    | 130                       |
| 135                       | 56.8                      | 272.3                      | 25,100*                   | 57.7                      | 273.9                      | 26,000*                   | 59.0                      | 276.1                      | 24,700                    | 60.2                      | 277.9                      | 23,300                    | 135                       |
| 140                       | 55.3                      | 268.8                      | 24,200*                   | 56.2                      | 270.5                      | 24,500                    | 57.4                      | 272.9                      | 23,200                    | 58.7                      | 274.8                      | 21,800                    | 140                       |
| 145                       | 53.7                      | 265.1                      | 23,400*                   | 54.6                      | 267.0                      | 23,000                    | 55.9                      | 269.4                      | 21,700                    | 57.2                      | 271.5                      | 20,400                    | 145                       |
| 150                       | 52.0                      | 261.2                      | 22,500                    | 53.0                      | 263.2                      | 21,600                    | 54.3                      | 265.8                      | 20,400                    | 55.6                      | 268.1                      | 19,200                    | 150                       |
| 155                       | 50.4                      | 257.0                      | 21,200                    | 51.3                      | 259.1                      | 20,400                    | 52.7                      | 262.0                      | 19,200                    | 54.0                      | 264.4                      | 18,000                    | 155                       |
| 160                       | 48.6                      | 252.6                      | 19,900                    | 49.6                      | 254.9                      | 19,200                    | 51.0                      | 257.9                      | 18,000                    | 52.4                      | 260.6                      | 16,800                    | 160                       |
| 165                       | 46.9                      | 247.9                      | 18,800                    | 47.9                      | 250.3                      | 18,000                    | 49.3                      | 253.6                      | 16,900                    | 50.7                      | 256.4                      | 15,800                    | 165                       |
| 170                       | 45.1                      | 242.9                      | 17,700                    | 46.1                      | 245.5                      | 17,000                    | 47.6                      | 249.0                      | 15,900                    | 49.0                      | 252.1                      | 14,800                    | 170                       |
| 175                       | 43.2                      | 237.6                      | 16,700                    | 44.2                      | 240.3                      | 16,000                    | 45.8                      | 244.1                      | 14,900                    | 47.3                      | 247.4                      | 13,900                    | 175                       |
| 180                       | 41.2                      | 231.8                      | 15,700                    | 42.3                      | 234.8                      | 15,100                    | 43.9                      | 238.9                      | 14,000                    | 45.5                      | 242.5                      | 13,000                    | 180                       |
| 185                       | 39.2                      | 225.7                      | 14,800                    | 40.3                      | 229.0                      | 14,200                    | 42.0                      | 233.4                      | 13,200                    | 43.6                      | 237.2                      | 12,200                    | 185                       |
| 190                       | 37.1                      | 219.1                      | 14,000                    | 38.3                      | 222.6                      | 13,300                    | 40.0                      | 227.4                      | 12,400                    | 41.7                      | 231.6                      | 11,400                    | 190                       |
| 195                       | 34.8                      | 212.0                      | 13,200                    | 36.1                      | 215.8                      | 12,600                    | 37.9                      | 221.0                      | 11,600                    | 39.6                      | 225.6                      | 10,700                    | 195                       |
| 200                       | 32.4                      | 204.2                      | 12,400                    | 33.8                      | 208.4                      | 11,800                    | 35.7                      | 214.1                      | 10,900                    | 37.5                      | 219.1                      | 10,000                    | 200                       |
| 205                       | 29.9                      | 195.5                      | 11,700                    | 31.3                      | 200.2                      | 11,100                    | 33.4                      | 206.5                      | 10,200                    | 35.3                      | 212.1                      | 9,300                     | 205                       |
| 210                       | 27.1                      | 185.9                      | 11,000                    | 28.7                      | 191.2                      | 10,400                    | 30.9                      | 198.3                      | 9,500                     | 33.0                      | 204.4                      | 8,700                     | 210                       |
| 215                       | 24.0                      | 175.0                      | 10,300                    | 25.8                      | 181.0                      | 9,700                     | 28.2                      | 189.1                      | 8,900                     | 30.4                      | 196.0                      | 8,100                     | 215                       |
| 220                       | 20.4                      | 162.1                      | 9,600                     | 22.5                      | 169.3                      | 9,100                     | 25.2                      | 178.7                      | 8,300                     | 27.7                      | 186.6                      | 7,500                     | 220                       |
| 225                       | 16.1                      | 146.0                      | 9,000                     | 18.6                      | 155.3                      | 8,500                     | 21.9                      | 166.6                      | 7,700                     | 24.7                      | 176.0                      | 6,900                     | 225                       |
| 230                       | 9.9                       | 122.5                      | 7,600*                    | 13.7                      | 136.8                      | 7,900                     | 17.9                      | 152.0                      | 7,100                     | 21.2                      | 163.6                      | 6,400                     | 230                       |
| 235                       |                           |                            |                           | 4.7                       | 102.2                      | 6,400*                    | 12.7                      | 132.4                      | 6,500                     | 17.1                      | 148.4                      | 5,800                     | 235                       |
| 240                       |                           |                            |                           |                           |                            |                           |                           |                            |                           | 11.5                      | 127.2                      | 5,300                     | 240                       |





# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

New York City Code  
Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

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

### 80 Ft. Boom, 190 Ft. Luffing Jib, 40 Ft. Fixed Jib

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | 80 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 75                        | 74.7                      | 311.4                      | 34,500*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 75                        |
| 80                        | 73.4                      | 309.9                      | 34,300*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 80                        |
| 85                        | 72.2                      | 308.3                      | 34,100*                   | 72.9                      | 309.0                      | 39,400*                   |                           |                            |                           |                           |                            |                           | 85                        |
| 90                        | 70.8                      | 306.5                      | 33,800*                   | 71.6                      | 307.3                      | 39,100*                   |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 69.5                      | 304.6                      | 33,600*                   | 70.3                      | 305.4                      | 37,300*                   |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 68.2                      | 302.6                      | 33,300*                   | 68.9                      | 303.5                      | 35,700*                   |                           |                            |                           |                           |                            |                           | 100                       |
| 105                       | 66.9                      | 300.4                      | 33,100*                   | 67.6                      | 301.4                      | 34,200*                   | 68.7                      | 302.6                      | 35,800*                   |                           |                            |                           | 105                       |
| 110                       | 65.5                      | 298.1                      | 31,800*                   | 66.3                      | 299.2                      | 32,800*                   | 67.4                      | 300.5                      | 34,300*                   |                           |                            |                           | 110                       |
| 115                       | 64.1                      | 295.6                      | 30,500*                   | 64.9                      | 296.8                      | 31,500*                   | 66.0                      | 298.3                      | 31,900                    |                           |                            |                           | 115                       |
| 120                       | 62.7                      | 293.0                      | 29,300*                   | 63.5                      | 294.3                      | 30,300*                   | 64.7                      | 295.9                      | 29,700                    | 65.8                      | 297.1                      | 28,200                    | 120                       |
| 125                       | 61.3                      | 290.3                      | 28,200*                   | 62.1                      | 291.6                      | 29,200*                   | 63.3                      | 293.3                      | 27,800                    | 64.4                      | 294.7                      | 26,200                    | 125                       |
| 130                       | 59.9                      | 287.4                      | 27,200*                   | 60.7                      | 288.8                      | 27,400                    | 61.9                      | 290.6                      | 25,900                    | 63.0                      | 292.1                      | 24,500                    | 130                       |
| 135                       | 58.5                      | 284.3                      | 26,200*                   | 59.3                      | 285.8                      | 25,700                    | 60.5                      | 287.8                      | 24,300                    | 61.6                      | 289.4                      | 22,900                    | 135                       |
| 140                       | 57.0                      | 281.0                      | 25,000                    | 57.8                      | 282.6                      | 24,100                    | 59.0                      | 284.7                      | 22,700                    | 60.2                      | 286.5                      | 21,400                    | 140                       |
| 145                       | 55.5                      | 277.5                      | 23,500                    | 56.3                      | 279.2                      | 22,600                    | 57.6                      | 281.5                      | 21,300                    | 58.8                      | 283.5                      | 20,000                    | 145                       |
| 150                       | 54.0                      | 273.9                      | 22,100                    | 54.8                      | 275.7                      | 21,200                    | 56.1                      | 278.1                      | 20,000                    | 57.3                      | 280.2                      | 18,700                    | 150                       |
| 155                       | 52.4                      | 270.0                      | 20,800                    | 53.3                      | 271.9                      | 20,000                    | 54.6                      | 274.6                      | 18,700                    | 55.8                      | 276.8                      | 17,500                    | 155                       |
| 160                       | 50.8                      | 265.9                      | 19,600                    | 51.7                      | 268.0                      | 18,800                    | 53.0                      | 270.8                      | 17,600                    | 54.3                      | 273.2                      | 16,400                    | 160                       |
| 165                       | 49.2                      | 261.5                      | 18,400                    | 50.1                      | 263.8                      | 17,600                    | 51.4                      | 266.8                      | 16,500                    | 52.7                      | 269.4                      | 15,400                    | 165                       |
| 170                       | 47.5                      | 256.9                      | 17,400                    | 48.4                      | 259.3                      | 16,600                    | 49.8                      | 262.5                      | 15,500                    | 51.2                      | 265.3                      | 14,400                    | 170                       |
| 175                       | 45.8                      | 252.1                      | 16,400                    | 46.8                      | 254.6                      | 15,600                    | 48.2                      | 258.0                      | 14,500                    | 49.5                      | 261.0                      | 13,500                    | 175                       |
| 180                       | 44.0                      | 246.9                      | 15,400                    | 45.0                      | 249.6                      | 14,700                    | 46.5                      | 253.3                      | 13,600                    | 47.9                      | 256.5                      | 12,600                    | 180                       |
| 185                       | 42.2                      | 241.4                      | 14,500                    | 43.2                      | 244.3                      | 13,800                    | 44.7                      | 248.2                      | 12,800                    | 46.2                      | 251.7                      | 11,800                    | 185                       |
| 190                       | 40.3                      | 235.5                      | 13,700                    | 41.3                      | 238.6                      | 12,900                    | 42.9                      | 242.8                      | 12,000                    | 44.4                      | 246.5                      | 11,000                    | 190                       |
| 195                       | 38.3                      | 229.1                      | 12,800                    | 39.4                      | 232.5                      | 12,200                    | 41.0                      | 237.1                      | 11,200                    | 42.6                      | 241.1                      | 10,300                    | 195                       |
| 200                       | 36.2                      | 222.3                      | 12,100                    | 37.4                      | 226.0                      | 11,400                    | 39.1                      | 230.9                      | 10,500                    | 40.7                      | 235.3                      | 9,600                     | 200                       |
| 205                       | 34.0                      | 215.0                      | 11,300                    | 35.3                      | 218.9                      | 10,700                    | 37.0                      | 224.3                      | 9,800                     | 38.7                      | 229.0                      | 8,900                     | 205                       |
| 210                       | 31.7                      | 206.9                      | 10,600                    | 33.0                      | 211.3                      | 10,000                    | 34.9                      | 217.2                      | 9,100                     | 36.7                      | 222.3                      | 8,300                     | 210                       |
| 215                       | 29.2                      | 198.1                      | 10,000                    | 30.6                      | 202.9                      | 9,400                     | 32.6                      | 209.4                      | 8,500                     | 34.5                      | 215.1                      | 7,700                     | 215                       |
| 220                       | 26.5                      | 188.2                      | 9,300                     | 28.0                      | 193.6                      | 8,700                     | 30.2                      | 200.9                      | 7,900                     | 32.2                      | 207.2                      | 7,100                     | 220                       |
| 225                       | 23.4                      | 177.0                      | 8,700                     | 25.2                      | 183.2                      | 8,100                     | 27.5                      | 191.5                      | 7,300                     | 29.7                      | 198.6                      | 6,500                     | 225                       |
| 230                       | 20.0                      | 163.8                      | 8,100                     | 22.0                      | 171.2                      | 7,500                     | 24.7                      | 180.8                      | 6,800                     | 27.1                      | 188.9                      | 6,000                     | 230                       |
| 235                       | 15.7                      | 147.3                      | 7,500                     | 18.2                      | 156.8                      | 7,000                     | 21.4                      | 168.5                      | 6,200                     | 24.1                      | 178.0                      | 5,500                     | 235                       |
| 240                       | 9.7                       | 123.3                      | 6,200*                    | 13.4                      | 137.9                      | 6,400                     | 17.5                      | 153.5                      | 5,700                     | 20.7                      | 165.3                      | 5,000                     | 240                       |
| 245                       |                           |                            |                           | 4.6                       | 102.5                      | 5,100*                    | 12.4                      | 133.4                      | 5,200                     | 16.7                      | 149.7                      | 4,500                     | 245                       |
| 250                       |                           |                            |                           |                           |                            |                           |                           |                            |                           | 11.2                      | 128.1                      | 4,000                     | 250                       |



# Liftcrane Fixed Jib Capacities

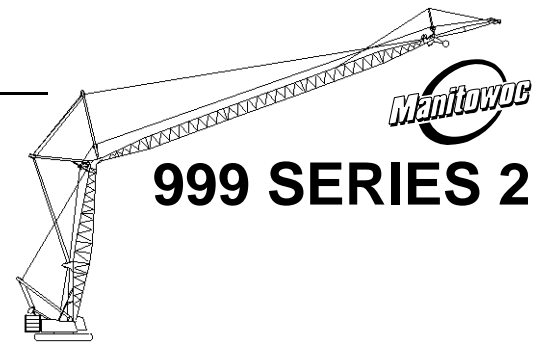
## 999 SERIES 2

New York City Code  
 Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82  
 184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 80 Ft. Boom, 200 Ft. Luffing Jib, 40 Ft. Fixed Jib

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | 80 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 80                        | 74.2                      | 320.4                      | 31,600*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 80                        |
| 85                        | 72.9                      | 318.8                      | 31,400*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 85                        |
| 90                        | 71.7                      | 317.1                      | 31,100*                   | 72.4                      | 317.8                      | 36,000*                   |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 70.4                      | 315.3                      | 30,900*                   | 71.1                      | 316.1                      | 35,800*                   |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 69.1                      | 313.4                      | 30,600*                   | 69.9                      | 314.2                      | 34,400*                   |                           |                            |                           |                           |                            |                           | 100                       |
| 105                       | 67.9                      | 311.3                      | 30,400*                   | 68.6                      | 312.3                      | 32,900*                   | 69.6                      | 313.4                      | 34,400*                   |                           |                            |                           | 105                       |
| 110                       | 66.6                      | 309.1                      | 30,100*                   | 67.3                      | 310.1                      | 31,600*                   | 68.4                      | 311.4                      | 33,000*                   |                           |                            |                           | 110                       |
| 115                       | 65.3                      | 306.8                      | 29,400*                   | 66.0                      | 307.9                      | 30,300*                   | 67.1                      | 309.2                      | 31,400                    |                           |                            |                           | 115                       |
| 120                       | 64.0                      | 304.3                      | 28,300*                   | 64.7                      | 305.5                      | 29,200*                   | 65.8                      | 307.0                      | 29,200                    | 66.9                      | 308.1                      | 27,600                    | 120                       |
| 125                       | 62.6                      | 301.7                      | 27,200*                   | 63.4                      | 303.0                      | 28,100*                   | 64.5                      | 304.6                      | 27,200                    | 65.6                      | 305.8                      | 25,700                    | 125                       |
| 130                       | 61.3                      | 298.9                      | 26,200*                   | 62.0                      | 300.3                      | 26,900                    | 63.1                      | 302.0                      | 25,400                    | 64.2                      | 303.4                      | 23,900                    | 130                       |
| 135                       | 59.9                      | 296.0                      | 25,300*                   | 60.7                      | 297.4                      | 25,200                    | 61.8                      | 299.3                      | 23,800                    | 62.9                      | 300.8                      | 22,300                    | 135                       |
| 140                       | 58.5                      | 292.9                      | 24,400*                   | 59.3                      | 294.4                      | 23,600                    | 60.4                      | 296.4                      | 22,200                    | 61.6                      | 298.1                      | 20,900                    | 140                       |
| 145                       | 57.1                      | 289.7                      | 23,000                    | 57.9                      | 291.3                      | 22,100                    | 59.1                      | 293.4                      | 20,800                    | 60.2                      | 295.2                      | 19,500                    | 145                       |
| 150                       | 55.7                      | 286.2                      | 21,600                    | 56.5                      | 287.9                      | 20,700                    | 57.7                      | 290.2                      | 19,500                    | 58.8                      | 292.1                      | 18,200                    | 150                       |
| 155                       | 54.2                      | 282.6                      | 20,300                    | 55.0                      | 284.4                      | 19,500                    | 56.2                      | 286.8                      | 18,200                    | 57.4                      | 288.9                      | 17,000                    | 155                       |
| 160                       | 52.7                      | 278.8                      | 19,100                    | 53.6                      | 280.7                      | 18,300                    | 54.8                      | 283.3                      | 17,100                    | 56.0                      | 285.5                      | 15,900                    | 160                       |
| 165                       | 51.2                      | 274.7                      | 17,900                    | 52.1                      | 276.8                      | 17,100                    | 53.3                      | 279.5                      | 16,000                    | 54.5                      | 281.9                      | 14,900                    | 165                       |
| 170                       | 49.7                      | 270.5                      | 16,800                    | 50.5                      | 272.7                      | 16,100                    | 51.8                      | 275.6                      | 15,000                    | 53.1                      | 278.1                      | 13,900                    | 170                       |
| 175                       | 48.1                      | 266.0                      | 15,800                    | 49.0                      | 268.3                      | 15,100                    | 50.3                      | 271.4                      | 14,000                    | 51.5                      | 274.1                      | 13,000                    | 175                       |
| 180                       | 46.4                      | 261.2                      | 14,900                    | 47.4                      | 263.7                      | 14,200                    | 48.7                      | 267.0                      | 13,100                    | 50.0                      | 269.9                      | 12,100                    | 180                       |
| 185                       | 44.8                      | 256.1                      | 14,000                    | 45.7                      | 258.8                      | 13,300                    | 47.1                      | 262.3                      | 12,300                    | 48.4                      | 265.5                      | 11,300                    | 185                       |
| 190                       | 43.0                      | 250.8                      | 13,100                    | 44.0                      | 253.6                      | 12,500                    | 45.4                      | 257.4                      | 11,500                    | 46.8                      | 260.8                      | 10,500                    | 190                       |
| 195                       | 41.2                      | 245.1                      | 12,300                    | 42.2                      | 248.1                      | 11,700                    | 43.7                      | 252.2                      | 10,700                    | 45.1                      | 255.8                      | 9,800                     | 195                       |
| 200                       | 39.4                      | 239.0                      | 11,500                    | 40.4                      | 242.2                      | 10,900                    | 41.9                      | 246.6                      | 10,000                    | 43.4                      | 250.5                      | 9,100                     | 200                       |
| 205                       | 37.4                      | 232.5                      | 10,800                    | 38.5                      | 235.9                      | 10,200                    | 40.1                      | 240.7                      | 9,300                     | 41.6                      | 244.8                      | 8,400                     | 205                       |
| 210                       | 35.4                      | 225.5                      | 10,100                    | 36.6                      | 229.2                      | 9,500                     | 38.2                      | 234.3                      | 8,600                     | 39.8                      | 238.8                      | 7,800                     | 210                       |
| 215                       | 33.3                      | 217.9                      | 9,500                     | 34.5                      | 222.0                      | 8,900                     | 36.2                      | 227.5                      | 8,000                     | 37.9                      | 232.4                      | 7,200                     | 215                       |
| 220                       | 31.0                      | 209.6                      | 8,800                     | 32.3                      | 214.1                      | 8,300                     | 34.1                      | 220.2                      | 7,400                     | 35.9                      | 225.5                      | 6,600                     | 220                       |
| 225                       | 28.5                      | 200.6                      | 8,200                     | 29.9                      | 205.5                      | 7,700                     | 31.9                      | 212.2                      | 6,800                     | 33.7                      | 218.1                      | 6,000                     | 225                       |
| 230                       | 25.9                      | 190.5                      | 7,600                     | 27.4                      | 196.0                      | 7,100                     | 29.5                      | 203.5                      | 6,300                     | 31.5                      | 210.0                      | 5,500                     | 230                       |
| 235                       | 22.9                      | 179.0                      | 7,100                     | 24.6                      | 185.3                      | 6,500                     | 26.9                      | 193.8                      | 5,800                     | 29.1                      | 201.1                      | 5,000                     | 235                       |
| 240                       | 19.5                      | 165.4                      | 6,500                     | 21.5                      | 173.0                      | 6,000                     | 24.1                      | 182.9                      | 5,300                     | 26.5                      | 191.2                      | 4,500                     | 240                       |
| 245                       | 15.4                      | 148.6                      | 6,000                     | 17.8                      | 158.3                      | 5,500                     | 20.9                      | 170.2                      | 4,800                     | 23.6                      | 180.1                      | 4,000                     | 245                       |
| 250                       | 9.4                       | 124.0                      | 4,700*                    | 13.1                      | 139.0                      | 5,000                     | 17.1                      | 154.9                      | 4,300                     |                           |                            |                           | 250                       |



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

New York City Code  
Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

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

### 80 Ft. Boom, 210 Ft. Luffing Jib, 40 Ft. Fixed Jib

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | 80 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 80                        | 74.8                      | 330.8                      | 29,200*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 80                        |
| 85                        | 73.6                      | 329.3                      | 28,900*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 85                        |
| 90                        | 72.4                      | 327.7                      | 28,700*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 71.2                      | 326.0                      | 28,400*                   | 71.9                      | 326.7                      | 32,900*                   |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 70.0                      | 324.1                      | 28,100*                   | 70.7                      | 324.9                      | 32,600*                   |                           |                            |                           |                           |                            |                           | 100                       |
| 105                       | 68.8                      | 322.1                      | 27,900*                   | 69.5                      | 323.0                      | 31,300*                   |                           |                            |                           |                           |                            |                           | 105                       |
| 110                       | 67.6                      | 320.0                      | 27,600*                   | 68.3                      | 321.0                      | 30,000*                   | 69.3                      | 322.2                      | 31,300*                   |                           |                            |                           | 110                       |
| 115                       | 66.3                      | 317.8                      | 27,400*                   | 67.0                      | 318.9                      | 28,800*                   | 68.0                      | 320.1                      | 30,100*                   |                           |                            |                           | 115                       |
| 120                       | 65.1                      | 315.5                      | 26,800*                   | 65.8                      | 316.6                      | 27,700*                   | 66.8                      | 318.0                      | 28,700                    |                           |                            |                           | 120                       |
| 125                       | 63.8                      | 313.0                      | 25,800*                   | 64.5                      | 314.2                      | 26,700*                   | 65.6                      | 315.7                      | 26,700                    | 66.6                      | 316.8                      | 25,200                    | 125                       |
| 130                       | 62.5                      | 310.4                      | 24,900*                   | 63.2                      | 311.6                      | 25,700*                   | 64.3                      | 313.2                      | 24,900                    | 65.3                      | 314.5                      | 23,400                    | 130                       |
| 135                       | 61.2                      | 307.6                      | 24,000*                   | 62.0                      | 308.9                      | 24,700*                   | 63.0                      | 310.7                      | 23,300                    | 64.1                      | 312.1                      | 21,800                    | 135                       |
| 140                       | 59.9                      | 304.7                      | 23,100*                   | 60.6                      | 306.1                      | 23,100                    | 61.7                      | 307.9                      | 21,700                    | 62.8                      | 309.5                      | 20,300                    | 140                       |
| 145                       | 58.6                      | 301.6                      | 22,300*                   | 59.3                      | 303.1                      | 21,600                    | 60.4                      | 305.1                      | 20,300                    | 61.5                      | 306.7                      | 19,000                    | 145                       |
| 150                       | 57.2                      | 298.4                      | 21,100                    | 58.0                      | 300.0                      | 20,200                    | 59.1                      | 302.1                      | 19,000                    | 60.2                      | 303.8                      | 17,700                    | 150                       |
| 155                       | 55.9                      | 294.9                      | 19,800                    | 56.6                      | 296.6                      | 19,000                    | 57.8                      | 298.9                      | 17,700                    | 58.9                      | 300.8                      | 16,500                    | 155                       |
| 160                       | 54.5                      | 291.3                      | 18,600                    | 55.2                      | 293.1                      | 17,800                    | 56.4                      | 295.5                      | 16,600                    | 57.5                      | 297.6                      | 15,400                    | 160                       |
| 165                       | 53.0                      | 287.6                      | 17,400                    | 53.8                      | 289.5                      | 16,700                    | 55.0                      | 292.0                      | 15,500                    | 56.2                      | 294.2                      | 14,300                    | 165                       |
| 170                       | 51.6                      | 283.6                      | 16,400                    | 52.4                      | 285.6                      | 15,600                    | 53.6                      | 288.3                      | 14,500                    | 54.8                      | 290.6                      | 13,400                    | 170                       |
| 175                       | 50.1                      | 279.4                      | 15,300                    | 50.9                      | 281.5                      | 14,600                    | 52.2                      | 284.4                      | 13,500                    | 53.3                      | 286.9                      | 12,400                    | 175                       |
| 180                       | 48.6                      | 274.9                      | 14,400                    | 49.4                      | 277.2                      | 13,700                    | 50.7                      | 280.3                      | 12,600                    | 51.9                      | 283.0                      | 11,600                    | 180                       |
| 185                       | 47.0                      | 270.3                      | 13,500                    | 47.9                      | 272.7                      | 12,800                    | 49.2                      | 276.0                      | 11,800                    | 50.4                      | 278.8                      | 10,800                    | 185                       |
| 190                       | 45.4                      | 265.3                      | 12,600                    | 46.3                      | 267.9                      | 12,000                    | 47.6                      | 271.4                      | 11,000                    | 48.9                      | 274.4                      | 10,000                    | 190                       |
| 195                       | 43.8                      | 260.1                      | 11,800                    | 44.7                      | 262.8                      | 11,200                    | 46.1                      | 266.5                      | 10,200                    | 47.4                      | 269.8                      | 9,300                     | 195                       |
| 200                       | 42.1                      | 254.6                      | 11,100                    | 43.1                      | 257.5                      | 10,400                    | 44.5                      | 261.4                      | 9,500                     | 45.8                      | 264.9                      | 8,600                     | 200                       |
| 205                       | 40.4                      | 248.7                      | 10,300                    | 41.3                      | 251.8                      | 9,700                     | 42.8                      | 256.0                      | 8,800                     | 44.2                      | 259.8                      | 7,900                     | 205                       |
| 210                       | 38.5                      | 242.4                      | 9,600                     | 39.6                      | 245.8                      | 9,000                     | 41.1                      | 250.3                      | 8,200                     | 42.5                      | 254.3                      | 7,300                     | 210                       |
| 215                       | 36.7                      | 235.7                      | 9,000                     | 37.7                      | 239.3                      | 8,400                     | 39.3                      | 244.2                      | 7,500                     | 40.7                      | 248.5                      | 6,700                     | 215                       |
| 220                       | 34.7                      | 228.5                      | 8,400                     | 35.8                      | 232.4                      | 7,800                     | 37.4                      | 237.7                      | 6,900                     | 38.9                      | 242.3                      | 6,100                     | 220                       |
| 225                       | 32.6                      | 220.8                      | 7,700                     | 33.8                      | 224.9                      | 7,200                     | 35.4                      | 230.7                      | 6,400                     | 37.1                      | 235.7                      | 5,500                     | 225                       |
| 230                       | 30.3                      | 212.3                      | 7,200                     | 31.6                      | 216.9                      | 6,600                     | 33.4                      | 223.1                      | 5,800                     | 35.1                      | 228.6                      | 5,000                     | 230                       |
| 235                       | 27.9                      | 203.0                      | 6,600                     | 29.3                      | 208.1                      | 6,100                     | 31.2                      | 214.9                      | 5,300                     | 33.0                      | 221.0                      | 4,500                     | 235                       |
| 240                       | 25.3                      | 192.6                      | 6,100                     | 26.8                      | 198.3                      | 5,600                     | 28.9                      | 206.0                      | 4,800                     | 30.8                      | 212.7                      | 4,000                     | 240                       |
| 245                       | 22.4                      | 180.9                      | 5,600                     | 24.1                      | 187.4                      | 5,100                     | 26.4                      | 196.1                      | 4,300                     |                           |                            |                           | 245                       |
| 250                       | 19.1                      | 167.1                      | 5,000                     | 21.0                      | 174.8                      | 4,600                     |                           |                            |                           |                           |                            |                           | 250                       |
| 255                       | 15.0                      | 149.8                      | 4,500                     | 17.4                      | 159.8                      | 4,100                     |                           |                            |                           |                           |                            |                           | 255                       |



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

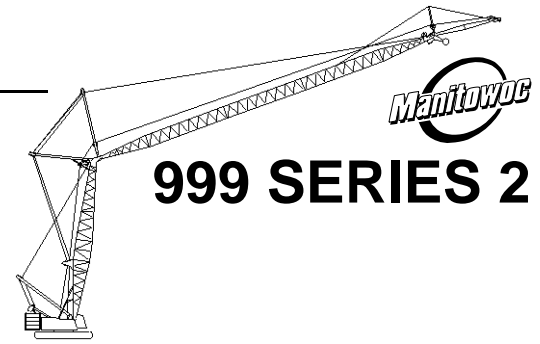
New York City Code  
Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82

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

184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

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

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | 80 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 75                        | 74.5                      | 301.2                      | 31,800*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 75                        |
| 80                        | 73.2                      | 299.7                      | 31,600*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 80                        |
| 85                        | 71.8                      | 298.0                      | 31,400*                   | 72.6                      | 298.7                      | 34,300*                   |                           |                            |                           |                           |                            |                           | 85                        |
| 90                        | 70.4                      | 296.1                      | 31,100*                   | 71.2                      | 296.9                      | 33,900*                   |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 69.1                      | 294.2                      | 30,800*                   | 69.8                      | 295.1                      | 33,500*                   |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 67.7                      | 292.1                      | 30,300*                   | 68.4                      | 293.0                      | 33,100*                   | 69.6                      | 294.2                      | 33,500*                   |                           |                            |                           | 100                       |
| 105                       | 66.3                      | 289.8                      | 30,000*                   | 67.0                      | 290.9                      | 32,300*                   | 68.2                      | 292.2                      | 33,100*                   |                           |                            |                           | 105                       |
| 110                       | 64.8                      | 287.4                      | 29,700*                   | 65.6                      | 288.5                      | 30,800*                   | 66.8                      | 290.0                      | 32,400*                   |                           |                            |                           | 110                       |
| 115                       | 63.4                      | 284.8                      | 28,500*                   | 64.2                      | 286.1                      | 29,400*                   | 65.4                      | 287.6                      | 30,900*                   | 66.6                      | 288.8                      | 31,600                    | 115                       |
| 120                       | 61.9                      | 282.1                      | 27,300*                   | 62.7                      | 283.4                      | 28,200*                   | 63.9                      | 285.1                      | 29,600*                   | 65.1                      | 286.4                      | 29,500                    | 120                       |
| 125                       | 60.4                      | 279.2                      | 26,100*                   | 61.3                      | 280.6                      | 27,000*                   | 62.5                      | 282.4                      | 28,300*                   | 63.7                      | 283.9                      | 27,500                    | 125                       |
| 130                       | 58.9                      | 276.1                      | 25,100*                   | 59.8                      | 277.6                      | 25,900*                   | 61.0                      | 279.6                      | 27,200*                   | 62.2                      | 281.2                      | 25,800                    | 130                       |
| 135                       | 57.4                      | 272.9                      | 24,100*                   | 58.2                      | 274.5                      | 24,900*                   | 59.5                      | 276.6                      | 25,600                    | 60.7                      | 278.4                      | 24,200                    | 135                       |
| 140                       | 55.8                      | 269.4                      | 23,100*                   | 56.7                      | 271.1                      | 23,900*                   | 58.0                      | 273.4                      | 24,000                    | 59.2                      | 275.3                      | 22,700                    | 140                       |
| 145                       | 54.2                      | 265.8                      | 22,300*                   | 55.1                      | 267.6                      | 23,000*                   | 56.4                      | 270.0                      | 22,600                    | 57.7                      | 272.1                      | 21,300                    | 145                       |
| 150                       | 52.6                      | 261.9                      | 21,400*                   | 53.5                      | 263.8                      | 22,200*                   | 54.8                      | 266.5                      | 21,200                    | 56.2                      | 268.7                      | 20,000                    | 150                       |
| 155                       | 50.9                      | 257.8                      | 20,700*                   | 51.9                      | 259.9                      | 21,200                    | 53.2                      | 262.7                      | 20,000                    | 54.6                      | 265.1                      | 18,800                    | 155                       |
| 160                       | 49.2                      | 253.4                      | 20,000*                   | 50.2                      | 255.6                      | 20,000                    | 51.6                      | 258.6                      | 18,800                    | 52.9                      | 261.2                      | 17,700                    | 160                       |
| 165                       | 47.5                      | 248.7                      | 19,300*                   | 48.4                      | 251.1                      | 18,900                    | 49.9                      | 254.4                      | 17,800                    | 51.3                      | 257.2                      | 16,600                    | 165                       |
| 170                       | 45.6                      | 243.8                      | 18,500                    | 46.7                      | 246.4                      | 17,800                    | 48.1                      | 249.8                      | 16,700                    | 49.6                      | 252.9                      | 15,700                    | 170                       |
| 175                       | 43.8                      | 238.5                      | 17,500                    | 44.8                      | 241.3                      | 16,800                    | 46.4                      | 245.0                      | 15,800                    | 47.8                      | 248.3                      | 14,700                    | 175                       |
| 180                       | 41.8                      | 232.9                      | 16,600                    | 42.9                      | 235.8                      | 15,900                    | 44.5                      | 239.9                      | 14,900                    | 46.0                      | 243.4                      | 13,800                    | 180                       |
| 185                       | 39.8                      | 226.8                      | 15,700                    | 41.0                      | 230.0                      | 15,000                    | 42.6                      | 234.4                      | 14,000                    | 44.2                      | 238.2                      | 13,000                    | 185                       |
| 190                       | 37.7                      | 220.3                      | 14,800                    | 38.9                      | 223.8                      | 14,200                    | 40.6                      | 228.5                      | 13,200                    | 42.3                      | 232.6                      | 12,200                    | 190                       |
| 195                       | 35.5                      | 213.3                      | 14,000                    | 36.7                      | 217.0                      | 13,400                    | 38.5                      | 222.2                      | 12,400                    | 40.3                      | 226.7                      | 11,500                    | 195                       |
| 200                       | 33.1                      | 205.6                      | 13,200                    | 34.5                      | 209.7                      | 12,600                    | 36.4                      | 215.3                      | 11,700                    | 38.2                      | 220.3                      | 10,800                    | 200                       |
| 205                       | 30.6                      | 197.1                      | 12,500                    | 32.0                      | 201.7                      | 11,900                    | 34.1                      | 207.9                      | 11,000                    | 36.0                      | 213.3                      | 10,100                    | 205                       |
| 210                       | 27.8                      | 187.7                      | 11,800                    | 29.4                      | 192.9                      | 11,200                    | 31.6                      | 199.8                      | 10,300                    | 33.6                      | 205.8                      | 9,500                     | 210                       |
| 215                       | 24.8                      | 177.0                      | 11,100                    | 26.5                      | 182.9                      | 10,500                    | 28.9                      | 190.8                      | 9,700                     | 31.1                      | 197.5                      | 8,900                     | 215                       |
| 220                       | 21.4                      | 164.6                      | 10,400                    | 23.3                      | 171.6                      | 9,900                     | 26.0                      | 180.6                      | 9,100                     | 28.5                      | 188.3                      | 8,300                     | 220                       |
| 225                       | 17.2                      | 149.2                      | 9,800                     | 19.6                      | 158.0                      | 9,300                     | 22.8                      | 168.9                      | 8,500                     | 25.5                      | 178.0                      | 7,700                     | 225                       |
| 230                       | 11.5                      | 127.8                      | 8,900*                    | 15.0                      | 140.6                      | 8,700                     | 18.9                      | 154.9                      | 7,900                     | 22.1                      | 165.9                      | 7,200                     | 230                       |
| 235                       |                           |                            |                           | 7.6                       | 112.4                      | 8,000*                    | 14.0                      | 136.5                      | 7,300                     | 18.2                      | 151.4                      | 6,600                     | 235                       |
| 240                       |                           |                            |                           |                           |                            |                           | 5.1                       | 102.4                      | 6,700                     | 13.0                      | 131.8                      | 6,100                     | 240                       |



# Liftcrane Fixed Jib Capacities

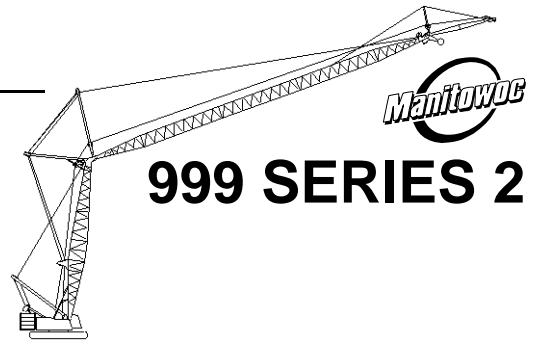
## 999 SERIES 2

New York City Code  
 Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82  
 184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

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

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | 80 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 80                        | 73.9                      | 310.2                      | 30,100*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 80                        |
| 85                        | 72.6                      | 308.5                      | 29,900*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 85                        |
| 90                        | 71.3                      | 306.8                      | 29,700*                   | 72.1                      | 307.6                      | 33,700*                   |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 70.0                      | 304.9                      | 29,500*                   | 70.7                      | 305.8                      | 33,400*                   |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 68.7                      | 302.9                      | 29,300*                   | 69.4                      | 303.8                      | 32,500*                   |                           |                            |                           |                           |                            |                           | 100                       |
| 105                       | 67.3                      | 300.8                      | 29,000*                   | 68.1                      | 301.8                      | 30,900*                   | 69.2                      | 303.0                      | 32,500*                   |                           |                            |                           | 105                       |
| 110                       | 66.0                      | 298.5                      | 28,500*                   | 66.7                      | 299.6                      | 29,500*                   | 67.9                      | 300.9                      | 31,000*                   |                           |                            |                           | 110                       |
| 115                       | 64.6                      | 296.1                      | 27,300*                   | 65.4                      | 297.2                      | 28,200*                   | 66.5                      | 298.7                      | 29,600*                   |                           |                            |                           | 115                       |
| 120                       | 63.2                      | 293.5                      | 26,100*                   | 64.0                      | 294.7                      | 27,000*                   | 65.2                      | 296.3                      | 28,300*                   | 66.3                      | 297.5                      | 28,800                    | 120                       |
| 125                       | 61.8                      | 290.8                      | 25,000*                   | 62.6                      | 292.1                      | 25,900*                   | 63.8                      | 293.8                      | 27,100*                   | 64.9                      | 295.1                      | 26,900                    | 125                       |
| 130                       | 60.4                      | 287.9                      | 24,000*                   | 61.2                      | 289.3                      | 24,800*                   | 62.4                      | 291.1                      | 26,000*                   | 63.5                      | 292.6                      | 25,200                    | 130                       |
| 135                       | 59.0                      | 284.8                      | 23,100*                   | 59.8                      | 286.3                      | 23,900*                   | 61.0                      | 288.3                      | 25,000*                   | 62.1                      | 289.9                      | 23,600                    | 135                       |
| 140                       | 57.5                      | 281.6                      | 22,200*                   | 58.3                      | 283.2                      | 22,900*                   | 59.5                      | 285.3                      | 23,400                    | 60.7                      | 287.0                      | 22,100                    | 140                       |
| 145                       | 56.0                      | 278.1                      | 21,400*                   | 56.8                      | 279.8                      | 22,000*                   | 58.1                      | 282.1                      | 22,000                    | 59.3                      | 284.0                      | 20,700                    | 145                       |
| 150                       | 54.5                      | 274.5                      | 20,600*                   | 55.3                      | 276.3                      | 21,200*                   | 56.6                      | 278.7                      | 20,700                    | 57.8                      | 280.8                      | 19,400                    | 150                       |
| 155                       | 52.9                      | 270.7                      | 19,900*                   | 53.8                      | 272.6                      | 20,500*                   | 55.1                      | 275.2                      | 19,400                    | 56.3                      | 277.4                      | 18,200                    | 155                       |
| 160                       | 51.3                      | 266.6                      | 19,200*                   | 52.2                      | 268.7                      | 19,400                    | 53.5                      | 271.4                      | 18,300                    | 54.8                      | 273.8                      | 17,100                    | 160                       |
| 165                       | 49.7                      | 262.3                      | 18,500*                   | 50.6                      | 264.5                      | 18,300                    | 52.0                      | 267.5                      | 17,200                    | 53.3                      | 270.0                      | 16,000                    | 165                       |
| 170                       | 48.1                      | 257.8                      | 17,900*                   | 49.0                      | 260.1                      | 17,300                    | 50.4                      | 263.3                      | 16,200                    | 51.7                      | 266.0                      | 15,000                    | 170                       |
| 175                       | 46.3                      | 252.9                      | 17,000                    | 47.3                      | 255.4                      | 16,300                    | 48.7                      | 258.8                      | 15,200                    | 50.1                      | 261.8                      | 14,100                    | 175                       |
| 180                       | 44.6                      | 247.8                      | 16,000                    | 45.6                      | 250.5                      | 15,300                    | 47.0                      | 254.1                      | 14,300                    | 48.4                      | 257.3                      | 13,300                    | 180                       |
| 185                       | 42.8                      | 242.4                      | 15,100                    | 43.8                      | 245.2                      | 14,400                    | 45.3                      | 249.1                      | 13,400                    | 46.7                      | 252.5                      | 12,400                    | 185                       |
| 190                       | 40.9                      | 236.5                      | 14,300                    | 41.9                      | 239.6                      | 13,600                    | 43.5                      | 243.8                      | 12,600                    | 45.0                      | 247.5                      | 11,600                    | 190                       |
| 195                       | 38.9                      | 230.3                      | 13,400                    | 40.0                      | 233.6                      | 12,800                    | 41.6                      | 238.1                      | 11,900                    | 43.1                      | 242.1                      | 10,900                    | 195                       |
| 200                       | 36.8                      | 223.6                      | 12,700                    | 38.0                      | 227.1                      | 12,100                    | 39.7                      | 232.0                      | 11,100                    | 41.3                      | 236.3                      | 10,200                    | 200                       |
| 205                       | 34.7                      | 216.3                      | 11,900                    | 35.9                      | 220.2                      | 11,300                    | 37.6                      | 225.5                      | 10,400                    | 39.3                      | 230.2                      | 9,500                     | 205                       |
| 210                       | 32.4                      | 208.4                      | 11,200                    | 33.7                      | 212.7                      | 10,600                    | 35.5                      | 218.5                      | 9,800                     | 37.3                      | 223.6                      | 8,900                     | 210                       |
| 215                       | 29.9                      | 199.7                      | 10,600                    | 31.3                      | 204.4                      | 10,000                    | 33.3                      | 210.8                      | 9,100                     | 35.1                      | 216.4                      | 8,300                     | 215                       |
| 220                       | 27.2                      | 190.1                      | 9,900                     | 28.7                      | 195.4                      | 9,400                     | 30.9                      | 202.5                      | 8,500                     | 32.9                      | 208.7                      | 7,700                     | 220                       |
| 225                       | 24.2                      | 179.1                      | 9,300                     | 25.9                      | 185.2                      | 8,800                     | 28.3                      | 193.2                      | 8,000                     | 30.4                      | 200.2                      | 7,100                     | 225                       |
| 230                       | 20.9                      | 166.3                      | 8,700                     | 22.8                      | 173.5                      | 8,200                     | 25.4                      | 182.8                      | 7,400                     | 27.8                      | 190.7                      | 6,600                     | 230                       |
| 235                       | 16.8                      | 150.6                      | 8,100                     | 19.2                      | 159.6                      | 7,600                     | 22.2                      | 170.8                      | 6,900                     | 24.9                      | 180.1                      | 6,100                     | 235                       |
| 240                       | 11.2                      | 128.6                      | 7,200*                    | 14.6                      | 141.8                      | 7,000                     | 18.5                      | 156.4                      | 6,300                     | 21.6                      | 167.8                      | 5,600                     | 240                       |
| 245                       |                           |                            |                           | 7.4                       | 112.9                      | 6,400*                    | 13.7                      | 137.6                      | 5,800                     | 17.7                      | 152.8                      | 5,100                     | 245                       |
| 250                       |                           |                            |                           |                           |                            |                           | 5.0                       | 102.7                      | 5,200                     | 12.6                      | 132.8                      | 4,600                     | 250                       |



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

New York City Code  
 Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82

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

184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

### 80 Ft. Boom, 190 Ft. Luffing Jib, 50 Ft. Fixed Jib

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | 80 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 80                        | 74.6                      | 320.6                      | 28,500*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 80                        |
| 85                        | 73.4                      | 319.1                      | 28,300*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 85                        |
| 90                        | 72.1                      | 317.4                      | 28,100*                   | 72.8                      | 318.1                      | 32,400*                   |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 70.9                      | 315.6                      | 28,000*                   | 71.6                      | 316.4                      | 32,200*                   |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 69.6                      | 313.7                      | 27,800*                   | 70.3                      | 314.6                      | 32,100*                   |                           |                            |                           |                           |                            |                           | 100                       |
| 105                       | 68.3                      | 311.7                      | 27,600*                   | 69.0                      | 312.6                      | 31,800*                   |                           |                            |                           |                           |                            |                           | 105                       |
| 110                       | 67.0                      | 309.5                      | 27,400*                   | 67.8                      | 310.5                      | 30,400*                   | 68.8                      | 311.7                      | 31,400*                   |                           |                            |                           | 110                       |
| 115                       | 65.7                      | 307.2                      | 27,200*                   | 66.5                      | 308.3                      | 29,100*                   | 67.5                      | 309.6                      | 30,500*                   |                           |                            |                           | 115                       |
| 120                       | 64.4                      | 304.8                      | 27,000*                   | 65.2                      | 305.9                      | 27,900*                   | 66.3                      | 307.4                      | 29,200*                   |                           |                            |                           | 120                       |
| 125                       | 63.1                      | 302.2                      | 26,000*                   | 63.8                      | 303.4                      | 26,800*                   | 64.9                      | 305.0                      | 28,000*                   | 66.0                      | 306.2                      | 26,500                    | 125                       |
| 130                       | 61.8                      | 299.4                      | 24,900*                   | 62.5                      | 300.7                      | 25,800*                   | 63.6                      | 302.4                      | 26,200                    | 64.7                      | 303.8                      | 24,800                    | 130                       |
| 135                       | 60.4                      | 296.5                      | 24,000*                   | 61.2                      | 297.9                      | 24,800*                   | 62.3                      | 299.8                      | 24,600                    | 63.4                      | 301.2                      | 23,100                    | 135                       |
| 140                       | 59.0                      | 293.5                      | 23,100*                   | 59.8                      | 295.0                      | 23,900*                   | 60.9                      | 296.9                      | 23,000                    | 62.0                      | 298.5                      | 21,600                    | 140                       |
| 145                       | 57.6                      | 290.2                      | 22,300*                   | 58.4                      | 291.8                      | 22,900                    | 59.5                      | 293.9                      | 21,600                    | 60.7                      | 295.7                      | 20,300                    | 145                       |
| 150                       | 56.2                      | 286.8                      | 21,500*                   | 57.0                      | 288.5                      | 21,500                    | 58.1                      | 290.8                      | 20,200                    | 59.3                      | 292.7                      | 19,000                    | 150                       |
| 155                       | 54.7                      | 283.2                      | 20,700*                   | 55.5                      | 285.0                      | 20,200                    | 56.7                      | 287.4                      | 19,000                    | 57.9                      | 289.5                      | 17,800                    | 155                       |
| 160                       | 53.2                      | 279.5                      | 19,900                    | 54.1                      | 281.4                      | 19,000                    | 55.3                      | 283.9                      | 17,800                    | 56.5                      | 286.1                      | 16,700                    | 160                       |
| 165                       | 51.7                      | 275.5                      | 18,700                    | 52.6                      | 277.5                      | 17,900                    | 53.8                      | 280.2                      | 16,800                    | 55.0                      | 282.6                      | 15,600                    | 165                       |
| 170                       | 50.2                      | 271.2                      | 17,600                    | 51.0                      | 273.4                      | 16,800                    | 52.3                      | 276.3                      | 15,700                    | 53.6                      | 278.8                      | 14,600                    | 170                       |
| 175                       | 48.6                      | 266.8                      | 16,600                    | 49.5                      | 269.1                      | 15,800                    | 50.8                      | 272.2                      | 14,800                    | 52.0                      | 274.9                      | 13,700                    | 175                       |
| 180                       | 47.0                      | 262.1                      | 15,700                    | 47.9                      | 264.5                      | 14,900                    | 49.2                      | 267.8                      | 13,900                    | 50.5                      | 270.7                      | 12,800                    | 180                       |
| 185                       | 45.3                      | 257.1                      | 14,800                    | 46.2                      | 259.6                      | 14,000                    | 47.6                      | 263.2                      | 13,000                    | 48.9                      | 266.3                      | 12,000                    | 185                       |
| 190                       | 43.6                      | 251.7                      | 13,900                    | 44.5                      | 254.5                      | 13,200                    | 46.0                      | 258.3                      | 12,200                    | 47.3                      | 261.6                      | 11,200                    | 190                       |
| 195                       | 41.8                      | 246.1                      | 13,100                    | 42.8                      | 249.1                      | 12,400                    | 44.3                      | 253.1                      | 11,400                    | 45.7                      | 256.7                      | 10,500                    | 195                       |
| 200                       | 40.0                      | 240.1                      | 12,300                    | 41.0                      | 243.3                      | 11,600                    | 42.5                      | 247.6                      | 10,700                    | 44.0                      | 251.4                      | 9,800                     | 200                       |
| 205                       | 38.0                      | 233.7                      | 11,600                    | 39.1                      | 237.1                      | 10,900                    | 40.7                      | 241.7                      | 10,000                    | 42.2                      | 245.9                      | 9,100                     | 205                       |
| 210                       | 36.0                      | 226.7                      | 10,900                    | 37.1                      | 230.4                      | 10,300                    | 38.8                      | 235.5                      | 9,400                     | 40.4                      | 239.9                      | 8,500                     | 210                       |
| 215                       | 33.9                      | 219.3                      | 10,200                    | 35.1                      | 223.3                      | 9,600                     | 36.8                      | 228.7                      | 8,700                     | 38.4                      | 233.6                      | 7,900                     | 215                       |
| 220                       | 31.6                      | 211.2                      | 9,600                     | 32.9                      | 215.5                      | 9,000                     | 34.7                      | 221.5                      | 8,100                     | 36.5                      | 226.8                      | 7,300                     | 220                       |
| 225                       | 29.2                      | 202.2                      | 9,000                     | 30.6                      | 207.1                      | 8,400                     | 32.5                      | 213.7                      | 7,600                     | 34.4                      | 219.4                      | 6,800                     | 225                       |
| 230                       | 26.6                      | 192.3                      | 8,400                     | 28.1                      | 197.8                      | 7,800                     | 30.2                      | 205.1                      | 7,000                     | 32.1                      | 211.5                      | 6,200                     | 230                       |
| 235                       | 23.7                      | 181.1                      | 7,800                     | 25.4                      | 187.3                      | 7,300                     | 27.7                      | 195.6                      | 6,500                     | 29.8                      | 202.7                      | 5,700                     | 235                       |
| 240                       | 20.4                      | 168.0                      | 7,300                     | 22.3                      | 175.4                      | 6,700                     | 24.9                      | 184.9                      | 6,000                     | 27.2                      | 193.1                      | 5,200                     | 240                       |
| 245                       | 16.4                      | 151.9                      | 6,700                     | 18.7                      | 161.2                      | 6,200                     | 21.7                      | 172.6                      | 5,500                     | 24.3                      | 182.2                      | 4,700                     | 245                       |
| 250                       | 11.0                      | 129.5                      | 5,900*                    | 14.3                      | 143.0                      | 5,700                     | 18.1                      | 157.9                      | 5,000                     | 21.1                      | 169.5                      | 4,300                     | 250                       |
| 255                       |                           |                            |                           | 7.2                       | 113.4                      | 5,100                     | 13.4                      | 138.7                      | 4,500                     |                           |                            |                           | 255                       |
| 260                       |                           |                            |                           |                           |                            |                           | 4.9                       | 103.0                      | 4,000                     |                           |                            |                           | 260                       |



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

New York City Code  
 Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82  
 184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 80 Ft. Boom, 200 Ft. Luffing Jib, 50 Ft. Fixed Jib

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | 80 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 85                        | 74.1                      | 329.5                      | 26,600*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 85                        |
| 90                        | 72.9                      | 328.0                      | 26,400*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 71.7                      | 326.2                      | 26,300*                   | 72.3                      | 327.0                      | 30,300*                   |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 70.5                      | 324.4                      | 26,100*                   | 71.1                      | 325.2                      | 30,100*                   |                           |                            |                           |                           |                            |                           | 100                       |
| 105                       | 69.2                      | 322.5                      | 25,900*                   | 69.9                      | 323.4                      | 29,900*                   |                           |                            |                           |                           |                            |                           | 105                       |
| 110                       | 68.0                      | 320.4                      | 25,800*                   | 68.7                      | 321.4                      | 29,300*                   | 69.7                      | 322.5                      | 29,500*                   |                           |                            |                           | 110                       |
| 115                       | 66.8                      | 318.2                      | 25,600*                   | 67.5                      | 319.2                      | 28,100*                   | 68.5                      | 320.5                      | 29,400*                   |                           |                            |                           | 115                       |
| 120                       | 65.5                      | 315.9                      | 25,400*                   | 66.2                      | 317.0                      | 26,900*                   | 67.3                      | 318.3                      | 28,100*                   |                           |                            |                           | 120                       |
| 125                       | 64.3                      | 313.4                      | 25,100*                   | 65.0                      | 314.6                      | 25,800*                   | 66.0                      | 316.1                      | 27,000*                   |                           |                            |                           | 125                       |
| 130                       | 63.0                      | 310.8                      | 24,100*                   | 63.7                      | 312.1                      | 24,900*                   | 64.7                      | 313.7                      | 25,700                    | 65.8                      | 314.9                      | 24,200                    | 130                       |
| 135                       | 61.7                      | 308.1                      | 23,200*                   | 62.4                      | 309.4                      | 23,900*                   | 63.5                      | 311.1                      | 24,000                    | 64.5                      | 312.5                      | 22,600                    | 135                       |
| 140                       | 60.4                      | 305.2                      | 22,300*                   | 61.1                      | 306.6                      | 23,000*                   | 62.2                      | 308.4                      | 22,500                    | 63.3                      | 309.9                      | 21,100                    | 140                       |
| 145                       | 59.0                      | 302.1                      | 21,500*                   | 59.8                      | 303.6                      | 22,200*                   | 60.9                      | 305.6                      | 21,100                    | 62.0                      | 307.2                      | 19,700                    | 145                       |
| 150                       | 57.7                      | 298.9                      | 20,800*                   | 58.5                      | 300.5                      | 21,000                    | 59.6                      | 302.6                      | 19,700                    | 60.7                      | 304.3                      | 18,400                    | 150                       |
| 155                       | 56.3                      | 295.5                      | 20,000*                   | 57.1                      | 297.2                      | 19,700                    | 58.2                      | 299.4                      | 18,500                    | 59.3                      | 301.3                      | 17,200                    | 155                       |
| 160                       | 54.9                      | 292.0                      | 19,300                    | 55.7                      | 293.8                      | 18,500                    | 56.9                      | 296.1                      | 17,300                    | 58.0                      | 298.1                      | 16,100                    | 160                       |
| 165                       | 53.5                      | 288.2                      | 18,200                    | 54.3                      | 290.1                      | 17,400                    | 55.5                      | 292.6                      | 16,200                    | 56.6                      | 294.8                      | 15,100                    | 165                       |
| 170                       | 52.1                      | 284.3                      | 17,100                    | 52.9                      | 286.3                      | 16,400                    | 54.1                      | 289.0                      | 15,200                    | 55.2                      | 291.3                      | 14,100                    | 170                       |
| 175                       | 50.6                      | 280.1                      | 16,100                    | 51.4                      | 282.2                      | 15,400                    | 52.6                      | 285.1                      | 14,300                    | 53.8                      | 287.6                      | 13,200                    | 175                       |
| 180                       | 49.1                      | 275.7                      | 15,100                    | 49.9                      | 278.0                      | 14,400                    | 51.2                      | 281.0                      | 13,400                    | 52.4                      | 283.7                      | 12,300                    | 180                       |
| 185                       | 47.5                      | 271.1                      | 14,200                    | 48.4                      | 273.5                      | 13,500                    | 49.7                      | 276.7                      | 12,500                    | 50.9                      | 279.6                      | 11,500                    | 185                       |
| 190                       | 46.0                      | 266.2                      | 13,400                    | 46.8                      | 268.8                      | 12,700                    | 48.1                      | 272.2                      | 11,700                    | 49.4                      | 275.2                      | 10,700                    | 190                       |
| 195                       | 44.3                      | 261.1                      | 12,600                    | 45.2                      | 263.7                      | 11,900                    | 46.6                      | 267.4                      | 10,900                    | 47.9                      | 270.6                      | 10,000                    | 195                       |
| 200                       | 42.6                      | 255.6                      | 11,800                    | 43.6                      | 258.4                      | 11,200                    | 45.0                      | 262.4                      | 10,200                    | 46.3                      | 265.8                      | 9,300                     | 200                       |
| 205                       | 40.9                      | 249.8                      | 11,100                    | 41.9                      | 252.8                      | 10,400                    | 43.3                      | 257.0                      | 9,500                     | 44.7                      | 260.7                      | 8,600                     | 205                       |
| 210                       | 39.1                      | 243.6                      | 10,400                    | 40.1                      | 246.8                      | 9,800                     | 41.6                      | 251.3                      | 8,900                     | 43.0                      | 255.3                      | 8,000                     | 210                       |
| 215                       | 37.2                      | 236.9                      | 9,700                     | 38.3                      | 240.5                      | 9,100                     | 39.8                      | 245.3                      | 8,200                     | 41.3                      | 249.6                      | 7,400                     | 215                       |
| 220                       | 35.2                      | 229.8                      | 9,100                     | 36.4                      | 233.6                      | 8,500                     | 38.0                      | 238.8                      | 7,600                     | 39.5                      | 243.4                      | 6,800                     | 220                       |
| 225                       | 33.2                      | 222.2                      | 8,500                     | 34.3                      | 226.3                      | 7,900                     | 36.0                      | 231.9                      | 7,100                     | 37.6                      | 236.9                      | 6,200                     | 225                       |
| 230                       | 31.0                      | 213.9                      | 7,900                     | 32.2                      | 218.4                      | 7,300                     | 34.0                      | 224.5                      | 6,500                     | 35.7                      | 229.9                      | 5,700                     | 230                       |
| 235                       | 28.6                      | 204.7                      | 7,300                     | 29.9                      | 209.7                      | 6,800                     | 31.8                      | 216.4                      | 6,000                     | 33.6                      | 222.4                      | 5,200                     | 235                       |
| 240                       | 26.0                      | 194.6                      | 6,800                     | 27.5                      | 200.1                      | 6,300                     | 29.5                      | 207.6                      | 5,500                     | 31.5                      | 214.2                      | 4,700                     | 240                       |
| 245                       | 23.2                      | 183.1                      | 6,300                     | 24.8                      | 189.4                      | 5,800                     | 27.1                      | 197.9                      | 5,000                     | 29.1                      | 205.3                      | 4,300                     | 245                       |
| 250                       | 20.0                      | 169.7                      | 5,700                     | 21.8                      | 177.2                      | 5,300                     | 24.3                      | 187.0                      | 4,500                     |                           |                            |                           | 250                       |
| 255                       | 16.1                      | 153.3                      | 5,200                     | 18.3                      | 162.7                      | 4,800                     | 21.3                      | 174.4                      | 4,100                     |                           |                            |                           | 255                       |
| 260                       | 10.7                      | 130.3                      | 4,400*                    | 14.0                      | 144.1                      | 4,300                     |                           |                            |                           |                           |                            |                           | 260                       |



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

New York City Code

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

Boom No. 82

184,600 Lb. Crane Counterweight

44,000 Lb. Carbody Counterweight

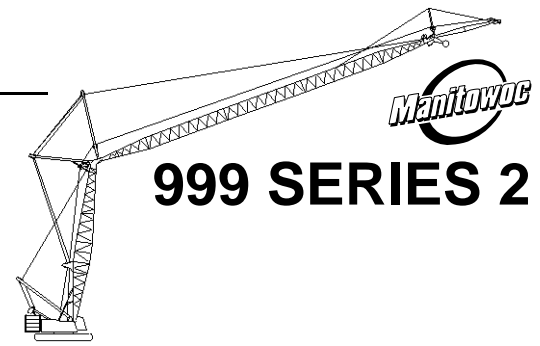
360 Degree Rating

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

### 80 Ft. Boom, 210 Ft. Luffing Jib, 50 Ft. Fixed Jib

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | 80 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 85                        | 74.7                      | 340.0                      | 24,900*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 85                        |
| 90                        | 73.5                      | 338.5                      | 24,700*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 72.4                      | 336.8                      | 24,600*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 71.2                      | 335.1                      | 24,400*                   | 71.9                      | 335.8                      | 28,100*                   |                           |                            |                           |                           |                            |                           | 100                       |
| 105                       | 70.1                      | 333.2                      | 24,200*                   | 70.7                      | 334.0                      | 28,000*                   |                           |                            |                           |                           |                            |                           | 105                       |
| 110                       | 68.9                      | 331.2                      | 24,000*                   | 69.5                      | 332.1                      | 27,800*                   |                           |                            |                           |                           |                            |                           | 110                       |
| 115                       | 67.7                      | 329.1                      | 23,900*                   | 68.4                      | 330.1                      | 26,700*                   | 69.4                      | 331.3                      | 27,400*                   |                           |                            |                           | 115                       |
| 120                       | 66.5                      | 326.9                      | 23,700*                   | 67.2                      | 328.0                      | 25,600*                   | 68.2                      | 329.2                      | 26,800*                   |                           |                            |                           | 120                       |
| 125                       | 65.3                      | 324.6                      | 23,500*                   | 66.0                      | 325.7                      | 24,600*                   | 67.0                      | 327.1                      | 25,700*                   |                           |                            |                           | 125                       |
| 130                       | 64.1                      | 322.1                      | 22,900*                   | 64.8                      | 323.3                      | 23,700*                   | 65.8                      | 324.8                      | 24,700*                   | 66.8                      | 325.9                      | 23,700                    | 130                       |
| 135                       | 62.9                      | 319.5                      | 22,100*                   | 63.6                      | 320.7                      | 22,800*                   | 64.6                      | 322.3                      | 23,500                    | 65.6                      | 323.6                      | 22,100                    | 135                       |
| 140                       | 61.6                      | 316.7                      | 21,200*                   | 62.3                      | 318.1                      | 21,900*                   | 63.3                      | 319.8                      | 22,000                    | 64.4                      | 321.2                      | 20,600                    | 140                       |
| 145                       | 60.4                      | 313.8                      | 20,500*                   | 61.1                      | 315.3                      | 21,100*                   | 62.1                      | 317.1                      | 20,600                    | 63.1                      | 318.6                      | 19,200                    | 145                       |
| 150                       | 59.1                      | 310.8                      | 19,700*                   | 59.8                      | 312.3                      | 20,300*                   | 60.9                      | 314.2                      | 19,200                    | 61.9                      | 315.9                      | 17,900                    | 150                       |
| 155                       | 57.8                      | 307.6                      | 19,000*                   | 58.5                      | 309.2                      | 19,200                    | 59.6                      | 311.3                      | 18,000                    | 60.6                      | 313.0                      | 16,700                    | 155                       |
| 160                       | 56.5                      | 304.2                      | 18,400*                   | 57.2                      | 305.9                      | 18,000                    | 58.3                      | 308.1                      | 16,800                    | 59.4                      | 310.0                      | 15,600                    | 160                       |
| 165                       | 55.1                      | 300.7                      | 17,700                    | 55.9                      | 302.5                      | 16,900                    | 57.0                      | 304.8                      | 15,700                    | 58.1                      | 306.8                      | 14,600                    | 165                       |
| 170                       | 53.8                      | 297.0                      | 16,600                    | 54.5                      | 298.9                      | 15,900                    | 55.7                      | 301.4                      | 14,700                    | 56.8                      | 303.5                      | 13,600                    | 170                       |
| 175                       | 52.4                      | 293.1                      | 15,600                    | 53.2                      | 295.1                      | 14,900                    | 54.3                      | 297.7                      | 13,800                    | 55.4                      | 300.0                      | 12,700                    | 175                       |
| 180                       | 51.0                      | 289.0                      | 14,600                    | 51.8                      | 291.1                      | 13,900                    | 52.9                      | 293.9                      | 12,900                    | 54.1                      | 296.3                      | 11,800                    | 180                       |
| 185                       | 49.5                      | 284.7                      | 13,700                    | 50.3                      | 286.9                      | 13,100                    | 51.5                      | 289.9                      | 12,000                    | 52.7                      | 292.5                      | 11,000                    | 185                       |
| 190                       | 48.1                      | 280.1                      | 12,900                    | 48.9                      | 282.5                      | 12,200                    | 50.1                      | 285.6                      | 11,200                    | 51.3                      | 288.4                      | 10,200                    | 190                       |
| 195                       | 46.6                      | 275.4                      | 12,100                    | 47.4                      | 277.8                      | 11,400                    | 48.6                      | 281.2                      | 10,400                    | 49.9                      | 284.1                      | 9,500                     | 195                       |
| 200                       | 45.0                      | 270.3                      | 11,300                    | 45.9                      | 272.9                      | 10,700                    | 47.2                      | 276.5                      | 9,700                     | 48.4                      | 279.6                      | 8,800                     | 200                       |
| 205                       | 43.4                      | 265.0                      | 10,600                    | 44.3                      | 267.8                      | 10,000                    | 45.6                      | 271.6                      | 9,000                     | 46.9                      | 274.9                      | 8,100                     | 205                       |
| 210                       | 41.8                      | 259.3                      | 9,900                     | 42.7                      | 262.3                      | 9,300                     | 44.0                      | 266.3                      | 8,400                     | 45.3                      | 269.9                      | 7,500                     | 210                       |
| 215                       | 40.1                      | 253.3                      | 9,200                     | 41.0                      | 256.5                      | 8,600                     | 42.4                      | 260.8                      | 7,800                     | 43.8                      | 264.7                      | 6,900                     | 215                       |
| 220                       | 38.3                      | 247.0                      | 8,600                     | 39.3                      | 250.3                      | 8,000                     | 40.7                      | 255.0                      | 7,200                     | 42.1                      | 259.1                      | 6,300                     | 220                       |
| 225                       | 36.5                      | 240.2                      | 8,000                     | 37.5                      | 243.8                      | 7,400                     | 39.0                      | 248.8                      | 6,600                     | 40.4                      | 253.2                      | 5,700                     | 225                       |
| 230                       | 34.5                      | 232.9                      | 7,400                     | 35.6                      | 236.8                      | 6,900                     | 37.2                      | 242.1                      | 6,000                     | 38.7                      | 246.9                      | 5,200                     | 230                       |
| 235                       | 32.5                      | 225.0                      | 6,900                     | 33.6                      | 229.3                      | 6,300                     | 35.3                      | 235.0                      | 5,500                     | 36.9                      | 240.2                      | 4,700                     | 235                       |
| 240                       | 30.3                      | 216.5                      | 6,300                     | 31.6                      | 221.1                      | 5,800                     | 33.3                      | 227.4                      | 5,000                     | 34.9                      | 233.0                      | 4,200                     | 240                       |
| 245                       | 28.0                      | 207.1                      | 5,800                     | 29.3                      | 212.2                      | 5,300                     | 31.2                      | 219.1                      | 4,500                     |                           |                            |                           | 245                       |
| 250                       | 25.5                      | 196.8                      | 5,300                     | 26.9                      | 202.5                      | 4,800                     | 28.9                      | 210.1                      | 4,100                     |                           |                            |                           | 250                       |
| 255                       | 22.7                      | 185.0                      | 4,800                     | 24.3                      | 191.5                      | 4,300                     |                           |                            |                           |                           |                            |                           | 255                       |
| 260                       | 19.5                      | 171.3                      | 4,400                     |                           |                            |                           |                           |                            |                           |                           |                            |                           | 260                       |





# Liftcrane Fixed Jib Capacities

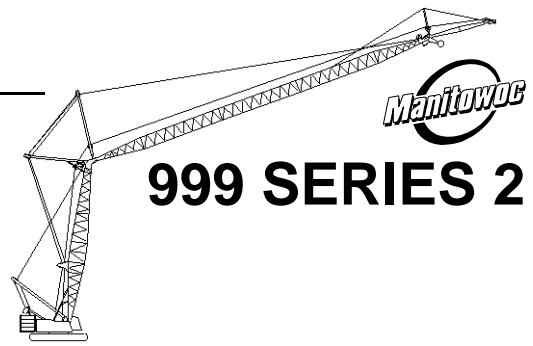
## 999 SERIES 2

New York City Code  
Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

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

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

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | 80 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 80                        | 74.0                      | 310.2                      | 24,200*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 80                        |
| 85                        | 72.7                      | 308.6                      | 24,000*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 85                        |
| 90                        | 71.4                      | 306.8                      | 23,600*                   | 72.1                      | 307.6                      | 27,200*                   |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 70.1                      | 305.0                      | 23,300*                   | 70.8                      | 305.8                      | 26,900*                   |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 68.8                      | 303.0                      | 22,900*                   | 69.5                      | 303.9                      | 26,500*                   |                           |                            |                           |                           |                            |                           | 100                       |
| 105                       | 67.4                      | 300.8                      | 22,600*                   | 68.2                      | 301.8                      | 26,200*                   | 69.3                      | 303.0                      | 26,200*                   |                           |                            |                           | 105                       |
| 110                       | 66.1                      | 298.5                      | 22,300*                   | 66.8                      | 299.6                      | 25,800*                   | 67.9                      | 300.9                      | 25,900*                   |                           |                            |                           | 110                       |
| 115                       | 64.7                      | 296.1                      | 22,000*                   | 65.5                      | 297.3                      | 25,500*                   | 66.6                      | 298.7                      | 25,600*                   |                           |                            |                           | 115                       |
| 120                       | 63.3                      | 293.5                      | 21,700*                   | 64.1                      | 294.8                      | 25,100*                   | 65.2                      | 296.3                      | 25,200*                   | 66.4                      | 297.6                      | 25,200*                   | 120                       |
| 125                       | 61.9                      | 290.8                      | 21,400*                   | 62.7                      | 292.1                      | 24,700*                   | 63.8                      | 293.8                      | 24,900*                   | 65.0                      | 295.2                      | 24,800*                   | 125                       |
| 130                       | 60.5                      | 287.9                      | 21,100*                   | 61.3                      | 289.3                      | 23,600*                   | 62.5                      | 291.1                      | 24,500*                   | 63.6                      | 292.6                      | 24,500*                   | 130                       |
| 135                       | 59.0                      | 284.8                      | 20,800*                   | 59.8                      | 286.3                      | 22,600*                   | 61.0                      | 288.3                      | 23,700*                   | 62.2                      | 289.9                      | 24,200*                   | 135                       |
| 140                       | 57.6                      | 281.6                      | 20,500*                   | 58.4                      | 283.2                      | 21,700*                   | 59.6                      | 285.3                      | 22,700*                   | 60.8                      | 287.1                      | 22,700*                   | 140                       |
| 145                       | 56.1                      | 278.2                      | 20,200*                   | 56.9                      | 279.9                      | 20,800*                   | 58.1                      | 282.1                      | 21,800*                   | 59.3                      | 284.0                      | 21,400*                   | 145                       |
| 150                       | 54.6                      | 274.5                      | 19,400*                   | 55.4                      | 276.4                      | 20,000*                   | 56.7                      | 278.8                      | 21,000*                   | 57.9                      | 280.8                      | 20,100*                   | 150                       |
| 155                       | 53.0                      | 270.7                      | 18,700*                   | 53.9                      | 272.7                      | 19,300*                   | 55.1                      | 275.2                      | 20,100*                   | 56.4                      | 277.4                      | 18,900*                   | 155                       |
| 160                       | 51.4                      | 266.7                      | 18,000*                   | 52.3                      | 268.7                      | 18,600*                   | 53.6                      | 271.5                      | 18,900*                   | 54.9                      | 273.9                      | 17,800*                   | 160                       |
| 165                       | 49.8                      | 262.4                      | 17,300*                   | 50.7                      | 264.6                      | 17,900*                   | 52.0                      | 267.5                      | 17,800*                   | 53.3                      | 270.1                      | 16,700*                   | 165                       |
| 170                       | 48.1                      | 257.8                      | 16,700*                   | 49.1                      | 260.2                      | 17,300*                   | 50.4                      | 263.3                      | 16,800*                   | 51.8                      | 266.1                      | 15,700*                   | 170                       |
| 175                       | 46.4                      | 253.0                      | 16,200*                   | 47.4                      | 255.5                      | 16,700*                   | 48.8                      | 258.9                      | 15,900*                   | 50.1                      | 261.8                      | 14,800*                   | 175                       |
| 180                       | 44.7                      | 247.9                      | 15,600*                   | 45.6                      | 250.5                      | 16,000*                   | 47.1                      | 254.2                      | 15,000*                   | 48.5                      | 257.3                      | 13,900*                   | 180                       |
| 185                       | 42.8                      | 242.4                      | 15,100*                   | 43.9                      | 245.3                      | 15,100*                   | 45.3                      | 249.2                      | 14,100*                   | 46.8                      | 252.6                      | 13,100*                   | 185                       |
| 190                       | 40.9                      | 236.6                      | 14,600*                   | 42.0                      | 239.6                      | 14,300*                   | 43.5                      | 243.8                      | 13,300*                   | 45.0                      | 247.5                      | 12,300*                   | 190                       |
| 195                       | 39.0                      | 230.3                      | 14,100*                   | 40.1                      | 233.6                      | 13,500*                   | 41.7                      | 238.1                      | 12,500*                   | 43.2                      | 242.1                      | 11,600*                   | 195                       |
| 200                       | 36.9                      | 223.6                      | 13,300*                   | 38.1                      | 227.2                      | 12,700*                   | 39.7                      | 232.1                      | 11,800*                   | 41.3                      | 236.4                      | 10,900*                   | 200                       |
| 205                       | 34.7                      | 216.4                      | 12,600*                   | 36.0                      | 220.3                      | 12,000*                   | 37.7                      | 225.5                      | 11,100*                   | 39.4                      | 230.2                      | 10,200*                   | 205                       |
| 210                       | 32.4                      | 208.5                      | 11,900*                   | 33.7                      | 212.7                      | 11,300*                   | 35.6                      | 218.5                      | 10,400*                   | 37.4                      | 223.6                      | 9,600*                    | 210                       |
| 215                       | 30.0                      | 199.8                      | 11,200*                   | 31.4                      | 204.5                      | 10,700*                   | 33.3                      | 210.9                      | 9,800*                    | 35.2                      | 216.5                      | 9,000*                    | 215                       |
| 220                       | 27.3                      | 190.1                      | 10,600*                   | 28.8                      | 195.4                      | 10,000*                   | 30.9                      | 202.5                      | 9,200*                    | 32.9                      | 208.7                      | 8,400*                    | 220                       |
| 225                       | 24.3                      | 179.2                      | 10,000*                   | 26.0                      | 185.2                      | 9,400*                    | 28.4                      | 193.3                      | 8,600*                    | 30.5                      | 200.2                      | 7,800*                    | 225                       |
| 230                       | 20.9                      | 166.4                      | 9,400*                    | 22.9                      | 173.6                      | 8,900*                    | 25.5                      | 182.9                      | 8,100*                    | 27.9                      | 190.8                      | 7,300*                    | 230                       |
| 235                       | 16.9                      | 150.7                      | 8,800*                    | 19.3                      | 159.7                      | 8,300*                    | 22.3                      | 170.9                      | 7,500*                    | 25.0                      | 180.2                      | 6,800*                    | 235                       |
| 240                       | 11.4                      | 128.8                      | 7,900*                    | 14.7                      | 141.9                      | 7,700*                    | 18.6                      | 156.5                      | 7,000*                    | 21.7                      | 167.9                      | 6,300*                    | 240                       |
| 245                       |                           |                            |                           | 7.5                       | 113.2                      | 7,100*                    | 13.8                      | 137.8                      | 6,500*                    | 17.8                      | 152.9                      | 5,800*                    | 245                       |
| 250                       |                           |                            |                           |                           |                            |                           | 5.2                       | 103.2                      | 5,900*                    | 12.8                      | 132.9                      | 5,300*                    | 250                       |



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

New York City Code  
 Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82

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

184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | 80 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 80                        | 74.7                      | 320.6                      | 23,600*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 80                        |
| 85                        | 73.4                      | 319.1                      | 23,400*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 85                        |
| 90                        | 72.2                      | 317.4                      | 23,100*                   | 72.9                      | 318.1                      | 26,700*                   |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 70.9                      | 315.6                      | 22,700*                   | 71.6                      | 316.4                      | 26,400*                   |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 69.7                      | 313.7                      | 22,500*                   | 70.4                      | 314.6                      | 26,000*                   |                           |                            |                           |                           |                            |                           | 100                       |
| 105                       | 68.4                      | 311.7                      | 22,200*                   | 69.1                      | 312.6                      | 25,700*                   |                           |                            |                           |                           |                            |                           | 105                       |
| 110                       | 67.1                      | 309.5                      | 21,900*                   | 67.8                      | 310.5                      | 25,300*                   | 68.9                      | 311.8                      | 25,400*                   |                           |                            |                           | 110                       |
| 115                       | 65.8                      | 307.2                      | 21,600*                   | 66.5                      | 308.3                      | 25,000*                   | 67.6                      | 309.6                      | 25,100*                   |                           |                            |                           | 115                       |
| 120                       | 64.5                      | 304.8                      | 21,400*                   | 65.2                      | 305.9                      | 24,700*                   | 66.3                      | 307.4                      | 24,800*                   |                           |                            |                           | 120                       |
| 125                       | 63.2                      | 302.2                      | 21,100*                   | 63.9                      | 303.4                      | 23,600*                   | 65.0                      | 305.0                      | 24,500*                   | 66.1                      | 306.3                      | 24,400*                   | 125                       |
| 130                       | 61.8                      | 299.5                      | 20,800*                   | 62.6                      | 300.8                      | 22,600*                   | 63.7                      | 302.5                      | 23,700*                   | 64.8                      | 303.8                      | 24,100*                   | 130                       |
| 135                       | 60.5                      | 296.6                      | 20,600*                   | 61.2                      | 298.0                      | 21,700*                   | 62.4                      | 299.8                      | 22,700*                   | 63.5                      | 301.3                      | 23,600                    | 135                       |
| 140                       | 59.1                      | 293.5                      | 20,200*                   | 59.9                      | 295.0                      | 20,800*                   | 61.0                      | 297.0                      | 21,800*                   | 62.1                      | 298.6                      | 22,100                    | 140                       |
| 145                       | 57.7                      | 290.3                      | 19,400*                   | 58.5                      | 291.9                      | 20,000*                   | 59.6                      | 294.0                      | 20,900*                   | 60.8                      | 295.7                      | 20,700                    | 145                       |
| 150                       | 56.2                      | 286.9                      | 18,600*                   | 57.0                      | 288.6                      | 19,200*                   | 58.2                      | 290.8                      | 20,100*                   | 59.4                      | 292.7                      | 19,500                    | 150                       |
| 155                       | 54.8                      | 283.3                      | 17,900*                   | 55.6                      | 285.1                      | 18,500*                   | 56.8                      | 287.5                      | 19,300*                   | 58.0                      | 289.5                      | 18,300                    | 155                       |
| 160                       | 53.3                      | 279.5                      | 17,300*                   | 54.1                      | 281.4                      | 17,800*                   | 55.4                      | 284.0                      | 18,300                    | 56.6                      | 286.1                      | 17,100                    | 160                       |
| 165                       | 51.8                      | 275.5                      | 16,600*                   | 52.6                      | 277.5                      | 17,200*                   | 53.9                      | 280.3                      | 17,300                    | 55.1                      | 282.6                      | 16,100                    | 165                       |
| 170                       | 50.3                      | 271.3                      | 16,100*                   | 51.1                      | 273.4                      | 16,600*                   | 52.4                      | 276.3                      | 16,200                    | 53.6                      | 278.8                      | 15,100                    | 170                       |
| 175                       | 48.7                      | 266.8                      | 15,500*                   | 49.6                      | 269.1                      | 16,000*                   | 50.9                      | 272.2                      | 15,300                    | 52.1                      | 274.9                      | 14,200                    | 175                       |
| 180                       | 47.0                      | 262.1                      | 15,000*                   | 48.0                      | 264.5                      | 15,400                    | 49.3                      | 267.8                      | 14,400                    | 50.6                      | 270.7                      | 13,300                    | 180                       |
| 185                       | 45.4                      | 257.1                      | 14,500*                   | 46.3                      | 259.7                      | 14,500                    | 47.7                      | 263.2                      | 13,500                    | 49.0                      | 266.3                      | 12,500                    | 185                       |
| 190                       | 43.7                      | 251.8                      | 14,100*                   | 44.6                      | 254.6                      | 13,700                    | 46.0                      | 258.3                      | 12,700                    | 47.4                      | 261.6                      | 11,700                    | 190                       |
| 195                       | 41.9                      | 246.2                      | 13,600*                   | 42.9                      | 249.1                      | 12,900                    | 44.3                      | 253.1                      | 12,000                    | 45.7                      | 256.7                      | 11,000                    | 195                       |
| 200                       | 40.0                      | 240.1                      | 12,800                    | 41.1                      | 243.3                      | 12,200                    | 42.6                      | 247.6                      | 11,200                    | 44.0                      | 251.5                      | 10,300                    | 200                       |
| 205                       | 38.1                      | 233.7                      | 12,100                    | 39.2                      | 237.1                      | 11,500                    | 40.8                      | 241.8                      | 10,500                    | 42.3                      | 245.9                      | 9,600                     | 205                       |
| 210                       | 36.1                      | 226.8                      | 11,400                    | 37.2                      | 230.5                      | 10,800                    | 38.9                      | 235.5                      | 9,900                     | 40.4                      | 240.0                      | 9,000                     | 210                       |
| 215                       | 34.0                      | 219.3                      | 10,700                    | 35.2                      | 223.3                      | 10,100                    | 36.9                      | 228.8                      | 9,200                     | 38.5                      | 233.6                      | 8,400                     | 215                       |
| 220                       | 31.7                      | 211.2                      | 10,100                    | 33.0                      | 215.6                      | 9,500                     | 34.8                      | 221.6                      | 8,600                     | 36.5                      | 226.8                      | 7,800                     | 220                       |
| 225                       | 29.3                      | 202.3                      | 9,400                     | 30.7                      | 207.2                      | 8,900                     | 32.6                      | 213.7                      | 8,100                     | 34.4                      | 219.5                      | 7,300                     | 225                       |
| 230                       | 26.7                      | 192.4                      | 8,900                     | 28.2                      | 197.8                      | 8,300                     | 30.3                      | 205.1                      | 7,500                     | 32.2                      | 211.5                      | 6,700                     | 230                       |
| 235                       | 23.8                      | 181.2                      | 8,300                     | 25.4                      | 187.4                      | 7,800                     | 27.7                      | 195.6                      | 7,000                     | 29.8                      | 202.8                      | 6,200                     | 235                       |
| 240                       | 20.5                      | 168.1                      | 7,700                     | 22.4                      | 175.5                      | 7,200                     | 25.0                      | 185.0                      | 6,500                     | 27.3                      | 193.1                      | 5,700                     | 240                       |
| 245                       | 16.5                      | 152.1                      | 7,200                     | 18.8                      | 161.3                      | 6,700                     | 21.8                      | 172.7                      | 6,000                     | 24.4                      | 182.2                      | 5,200                     | 245                       |
| 250                       | 11.1                      | 129.7                      | 6,300*                    | 14.4                      | 143.1                      | 6,200                     | 18.2                      | 158.0                      | 5,500                     | 21.2                      | 169.6                      | 4,800                     | 250                       |
| 255                       |                           |                            |                           | 7.3                       | 113.7                      | 5,600*                    | 13.5                      | 138.8                      | 5,000                     | 17.4                      | 154.4                      | 4,300                     | 255                       |
| 260                       |                           |                            |                           |                           |                            |                           | 5.0                       | 103.5                      | 4,500                     |                           |                            |                           | 260                       |



# Liftcrane Fixed Jib Capacities

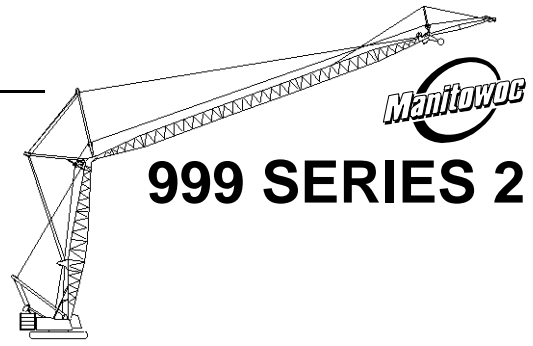
## 999 SERIES 2

New York City Code  
Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

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

### 80 Ft. Boom, 190 Ft. Luffing Jib, 60 Ft. Fixed Jib

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | 80 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 85                        | 74.1                      | 329.6                      | 22,700*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 85                        |
| 90                        | 72.9                      | 328.0                      | 22,500*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 71.7                      | 326.3                      | 22,200*                   | 72.4                      | 327.0                      | 25,600*                   |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 70.5                      | 324.5                      | 22,000*                   | 71.2                      | 325.3                      | 25,400*                   |                           |                            |                           |                           |                            |                           | 100                       |
| 105                       | 69.3                      | 322.5                      | 21,600*                   | 70.0                      | 323.4                      | 25,100*                   |                           |                            |                           |                           |                            |                           | 105                       |
| 110                       | 68.1                      | 320.4                      | 21,400*                   | 68.8                      | 321.4                      | 24,700*                   | 69.8                      | 322.5                      | 24,700*                   |                           |                            |                           | 110                       |
| 115                       | 66.8                      | 318.2                      | 21,200*                   | 67.5                      | 319.3                      | 24,500*                   | 68.6                      | 320.5                      | 24,500*                   |                           |                            |                           | 115                       |
| 120                       | 65.6                      | 315.9                      | 20,900*                   | 66.3                      | 317.0                      | 24,200*                   | 67.3                      | 318.4                      | 24,200*                   |                           |                            |                           | 120                       |
| 125                       | 64.3                      | 313.5                      | 20,700*                   | 65.0                      | 314.6                      | 23,900*                   | 66.1                      | 316.1                      | 24,000*                   |                           |                            |                           | 125                       |
| 130                       | 63.0                      | 310.9                      | 20,500*                   | 63.8                      | 312.1                      | 23,400*                   | 64.8                      | 313.7                      | 23,700*                   | 65.9                      | 315.0                      | 23,500*                   | 130                       |
| 135                       | 61.8                      | 308.1                      | 20,200*                   | 62.5                      | 309.4                      | 22,500*                   | 63.5                      | 311.1                      | 23,400*                   | 64.6                      | 312.5                      | 23,200                    | 135                       |
| 140                       | 60.4                      | 305.2                      | 20,000*                   | 61.2                      | 306.6                      | 21,600*                   | 62.3                      | 308.5                      | 22,600*                   | 63.3                      | 309.9                      | 21,700                    | 140                       |
| 145                       | 59.1                      | 302.2                      | 19,800*                   | 59.9                      | 303.7                      | 20,800*                   | 61.0                      | 305.6                      | 21,600                    | 62.0                      | 307.2                      | 20,300                    | 145                       |
| 150                       | 57.8                      | 299.0                      | 19,400*                   | 58.5                      | 300.5                      | 20,000*                   | 59.6                      | 302.6                      | 20,300                    | 60.7                      | 304.4                      | 19,000                    | 150                       |
| 155                       | 56.4                      | 295.6                      | 18,700*                   | 57.2                      | 297.3                      | 19,300*                   | 58.3                      | 299.5                      | 19,100                    | 59.4                      | 301.4                      | 17,800                    | 155                       |
| 160                       | 55.0                      | 292.0                      | 18,000*                   | 55.8                      | 293.8                      | 18,600*                   | 56.9                      | 296.2                      | 17,900                    | 58.1                      | 298.2                      | 16,700                    | 160                       |
| 165                       | 53.6                      | 288.3                      | 17,400*                   | 54.4                      | 290.2                      | 17,900*                   | 55.5                      | 292.7                      | 16,800                    | 56.7                      | 294.8                      | 15,700                    | 165                       |
| 170                       | 52.1                      | 284.3                      | 16,800*                   | 53.0                      | 286.3                      | 16,900                    | 54.1                      | 289.0                      | 15,800                    | 55.3                      | 291.3                      | 14,700                    | 170                       |
| 175                       | 50.7                      | 280.2                      | 16,200*                   | 51.5                      | 282.3                      | 15,900                    | 52.7                      | 285.1                      | 14,900                    | 53.9                      | 287.6                      | 13,800                    | 175                       |
| 180                       | 49.2                      | 275.8                      | 15,700*                   | 50.0                      | 278.0                      | 15,000                    | 51.2                      | 281.1                      | 14,000                    | 52.5                      | 283.7                      | 12,900                    | 180                       |
| 185                       | 47.6                      | 271.2                      | 14,900                    | 48.5                      | 273.5                      | 14,100                    | 49.8                      | 276.8                      | 13,100                    | 51.0                      | 279.6                      | 12,100                    | 185                       |
| 190                       | 46.0                      | 266.3                      | 14,000                    | 46.9                      | 268.8                      | 13,300                    | 48.2                      | 272.2                      | 12,300                    | 49.5                      | 275.3                      | 11,300                    | 190                       |
| 195                       | 44.4                      | 261.1                      | 13,200                    | 45.3                      | 263.8                      | 12,500                    | 46.7                      | 267.5                      | 11,500                    | 47.9                      | 270.7                      | 10,600                    | 195                       |
| 200                       | 42.7                      | 255.6                      | 12,400                    | 43.7                      | 258.5                      | 11,800                    | 45.0                      | 262.4                      | 10,800                    | 46.4                      | 265.9                      | 9,900                     | 200                       |
| 205                       | 41.0                      | 249.8                      | 11,700                    | 42.0                      | 252.9                      | 11,000                    | 43.4                      | 257.0                      | 10,100                    | 44.8                      | 260.8                      | 9,200                     | 205                       |
| 210                       | 39.2                      | 243.6                      | 11,000                    | 40.2                      | 246.9                      | 10,400                    | 41.7                      | 251.4                      | 9,500                     | 43.1                      | 255.3                      | 8,600                     | 210                       |
| 215                       | 37.3                      | 237.0                      | 10,300                    | 38.3                      | 240.5                      | 9,700                     | 39.9                      | 245.3                      | 8,800                     | 41.4                      | 249.6                      | 8,000                     | 215                       |
| 220                       | 35.3                      | 229.9                      | 9,700                     | 36.4                      | 233.7                      | 9,100                     | 38.0                      | 238.9                      | 8,200                     | 39.6                      | 243.5                      | 7,400                     | 220                       |
| 225                       | 33.2                      | 222.2                      | 9,100                     | 34.4                      | 226.4                      | 8,500                     | 36.1                      | 232.0                      | 7,700                     | 37.7                      | 237.0                      | 6,800                     | 225                       |
| 230                       | 31.0                      | 213.9                      | 8,500                     | 32.3                      | 218.4                      | 7,900                     | 34.1                      | 224.5                      | 7,100                     | 35.8                      | 230.0                      | 6,300                     | 230                       |
| 235                       | 28.7                      | 204.8                      | 8,000                     | 30.0                      | 209.8                      | 7,400                     | 31.9                      | 216.5                      | 6,600                     | 33.7                      | 222.4                      | 5,800                     | 235                       |
| 240                       | 26.1                      | 194.6                      | 7,400                     | 27.6                      | 200.2                      | 6,900                     | 29.6                      | 207.7                      | 6,100                     | 31.5                      | 214.3                      | 5,300                     | 240                       |
| 245                       | 23.3                      | 183.2                      | 6,900                     | 24.9                      | 189.5                      | 6,400                     | 27.1                      | 198.0                      | 5,600                     | 29.2                      | 205.3                      | 4,900                     | 245                       |
| 250                       | 20.0                      | 169.8                      | 6,400                     | 21.9                      | 177.3                      | 5,900                     | 24.4                      | 187.1                      | 5,100                     | 26.7                      | 195.4                      | 4,400                     | 250                       |
| 255                       | 16.1                      | 153.4                      | 5,900                     | 18.4                      | 162.8                      | 5,400                     | 21.4                      | 174.5                      | 4,700                     | 23.9                      | 184.3                      | 4,000                     | 255                       |
| 260                       | 10.8                      | 130.5                      | 5,000*                    | 14.1                      | 144.2                      | 4,900                     | 17.8                      | 159.5                      | 4,200                     |                           |                            |                           | 260                       |
| 265                       |                           |                            |                           | 7.2                       | 114.2                      | 4,400*                    |                           |                            |                           |                           |                            |                           | 265                       |



# Liftcrane Fixed Jib Capacities

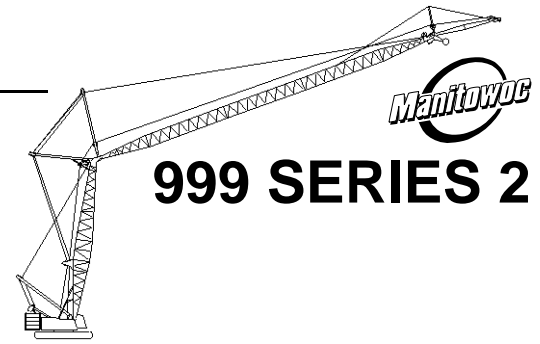
## 999 SERIES 2

New York City Code  
 Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82  
 184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 80 Ft. Boom, 200 Ft. Luffing Jib, 60 Ft. Fixed Jib

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | 80 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 85                        | 74.7                      | 340.0                      | 21,800*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 85                        |
| 90                        | 73.6                      | 338.5                      | 21,600*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 72.5                      | 336.9                      | 21,500*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 71.3                      | 335.1                      | 21,300*                   | 71.9                      | 335.9                      | 24,500*                   |                           |                            |                           |                           |                            |                           | 100                       |
| 105                       | 70.1                      | 333.2                      | 21,000*                   | 70.8                      | 334.1                      | 24,300*                   |                           |                            |                           |                           |                            |                           | 105                       |
| 110                       | 69.0                      | 331.3                      | 20,900*                   | 69.6                      | 332.2                      | 24,100*                   |                           |                            |                           |                           |                            |                           | 110                       |
| 115                       | 67.8                      | 329.2                      | 20,700*                   | 68.4                      | 330.1                      | 23,900*                   | 69.4                      | 331.3                      | 23,800*                   |                           |                            |                           | 115                       |
| 120                       | 66.6                      | 327.0                      | 20,400*                   | 67.2                      | 328.0                      | 23,500*                   | 68.2                      | 329.3                      | 23,600*                   |                           |                            |                           | 120                       |
| 125                       | 65.4                      | 324.6                      | 20,200*                   | 66.1                      | 325.7                      | 23,300*                   | 67.0                      | 327.1                      | 23,300*                   |                           |                            |                           | 125                       |
| 130                       | 64.2                      | 322.1                      | 20,000*                   | 64.8                      | 323.3                      | 22,600*                   | 65.8                      | 324.8                      | 23,000*                   | 66.8                      | 326.0                      | 22,800*                   | 130                       |
| 135                       | 62.9                      | 319.5                      | 19,800*                   | 63.6                      | 320.8                      | 21,700*                   | 64.6                      | 322.4                      | 22,700*                   | 65.6                      | 323.6                      | 22,600*                   | 135                       |
| 140                       | 61.7                      | 316.8                      | 19,600*                   | 62.4                      | 318.1                      | 20,900*                   | 63.4                      | 319.8                      | 21,800*                   | 64.4                      | 321.2                      | 21,100                    | 140                       |
| 145                       | 60.4                      | 313.9                      | 19,400*                   | 61.1                      | 315.3                      | 20,100*                   | 62.2                      | 317.1                      | 21,000*                   | 63.2                      | 318.6                      | 19,800                    | 145                       |
| 150                       | 59.1                      | 310.8                      | 18,700*                   | 59.9                      | 312.3                      | 19,300*                   | 60.9                      | 314.3                      | 19,800                    | 62.0                      | 315.9                      | 18,500                    | 150                       |
| 155                       | 57.9                      | 307.6                      | 18,100*                   | 58.6                      | 309.2                      | 18,600*                   | 59.6                      | 311.3                      | 18,600                    | 60.7                      | 313.0                      | 17,300                    | 155                       |
| 160                       | 56.5                      | 304.3                      | 17,400*                   | 57.3                      | 305.9                      | 18,000*                   | 58.4                      | 308.2                      | 17,400                    | 59.4                      | 310.0                      | 16,200                    | 160                       |
| 165                       | 55.2                      | 300.7                      | 16,800*                   | 56.0                      | 302.5                      | 17,300*                   | 57.1                      | 304.9                      | 16,300                    | 58.1                      | 306.9                      | 15,100                    | 165                       |
| 170                       | 53.8                      | 297.0                      | 16,300*                   | 54.6                      | 298.9                      | 16,400                    | 55.7                      | 301.4                      | 15,300                    | 56.8                      | 303.5                      | 14,200                    | 170                       |
| 175                       | 52.5                      | 293.1                      | 15,700*                   | 53.2                      | 295.1                      | 15,400                    | 54.4                      | 297.8                      | 14,300                    | 55.5                      | 300.0                      | 13,200                    | 175                       |
| 180                       | 51.1                      | 289.0                      | 15,200*                   | 51.8                      | 291.1                      | 14,500                    | 53.0                      | 293.9                      | 13,400                    | 54.1                      | 296.4                      | 12,400                    | 180                       |
| 185                       | 49.6                      | 284.7                      | 14,300                    | 50.4                      | 286.9                      | 13,600                    | 51.6                      | 289.9                      | 12,600                    | 52.8                      | 292.5                      | 11,500                    | 185                       |
| 190                       | 48.1                      | 280.2                      | 13,500                    | 49.0                      | 282.5                      | 12,800                    | 50.2                      | 285.7                      | 11,800                    | 51.4                      | 288.4                      | 10,800                    | 190                       |
| 195                       | 46.6                      | 275.4                      | 12,700                    | 47.5                      | 277.9                      | 12,000                    | 48.7                      | 281.2                      | 11,000                    | 49.9                      | 284.2                      | 10,000                    | 195                       |
| 200                       | 45.1                      | 270.3                      | 11,900                    | 45.9                      | 273.0                      | 11,300                    | 47.2                      | 276.5                      | 10,300                    | 48.5                      | 279.7                      | 9,300                     | 200                       |
| 205                       | 43.5                      | 265.0                      | 11,200                    | 44.4                      | 267.8                      | 10,500                    | 45.7                      | 271.6                      | 9,600                     | 47.0                      | 275.0                      | 8,700                     | 205                       |
| 210                       | 41.8                      | 259.4                      | 10,500                    | 42.8                      | 262.3                      | 9,900                     | 44.1                      | 266.4                      | 9,000                     | 45.4                      | 270.0                      | 8,000                     | 210                       |
| 215                       | 40.1                      | 253.4                      | 9,800                     | 41.1                      | 256.5                      | 9,200                     | 42.5                      | 260.9                      | 8,300                     | 43.8                      | 264.7                      | 7,400                     | 215                       |
| 220                       | 38.4                      | 247.0                      | 9,200                     | 39.4                      | 250.4                      | 8,600                     | 40.8                      | 255.0                      | 7,700                     | 42.2                      | 259.1                      | 6,900                     | 220                       |
| 225                       | 36.5                      | 240.2                      | 8,600                     | 37.6                      | 243.8                      | 8,000                     | 39.1                      | 248.8                      | 7,200                     | 40.5                      | 253.2                      | 6,300                     | 225                       |
| 230                       | 34.6                      | 232.9                      | 8,000                     | 35.7                      | 236.8                      | 7,400                     | 37.3                      | 242.2                      | 6,600                     | 38.8                      | 246.9                      | 5,800                     | 230                       |
| 235                       | 32.6                      | 225.1                      | 7,400                     | 33.7                      | 229.3                      | 6,900                     | 35.4                      | 235.1                      | 6,100                     | 36.9                      | 240.2                      | 5,300                     | 235                       |
| 240                       | 30.4                      | 216.6                      | 6,900                     | 31.6                      | 221.2                      | 6,400                     | 33.4                      | 227.5                      | 5,600                     | 35.0                      | 233.1                      | 4,800                     | 240                       |
| 245                       | 28.1                      | 207.2                      | 6,400                     | 29.4                      | 212.3                      | 5,900                     | 31.3                      | 219.2                      | 5,100                     | 33.0                      | 225.3                      | 4,400                     | 245                       |
| 250                       | 25.6                      | 196.8                      | 5,900                     | 27.0                      | 202.5                      | 5,400                     | 29.0                      | 210.2                      | 4,700                     |                           |                            |                           | 250                       |
| 255                       | 22.8                      | 185.1                      | 5,400                     | 24.4                      | 191.6                      | 4,900                     | 26.6                      | 200.3                      | 4,200                     |                           |                            |                           | 255                       |
| 260                       | 19.6                      | 171.4                      | 4,900                     | 21.5                      | 179.1                      | 4,500                     |                           |                            |                           |                           |                            |                           | 260                       |
| 265                       | 15.8                      | 154.7                      | 4,500                     | 18.0                      | 164.3                      | 4,000                     |                           |                            |                           |                           |                            |                           | 265                       |
| 270                       | 10.6                      | 131.3                      | 4,000                     |                           |                            |                           |                           |                            |                           |                           |                            |                           | 270                       |



# Liftcrane Fixed Jib Capacities

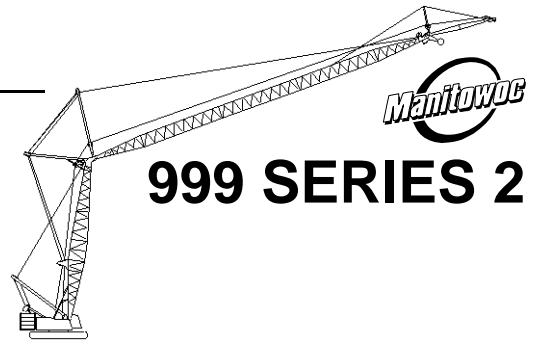
## 999 SERIES 2

New York City Code  
 Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82  
 184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 80 Ft. Boom, 210 Ft. Luffing Jib, 60 Ft. Fixed Jib

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | 80 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 90                        | 74.2                      | 349.0                      | 20,700*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 73.1                      | 347.4                      | 20,600*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 72.0                      | 345.7                      | 20,400*                   | 72.6                      | 346.4                      | 23,500*                   |                           |                            |                           |                           |                            |                           | 100                       |
| 105                       | 70.9                      | 343.9                      | 20,200*                   | 71.5                      | 344.7                      | 23,300*                   |                           |                            |                           |                           |                            |                           | 105                       |
| 110                       | 69.8                      | 342.0                      | 20,100*                   | 70.4                      | 342.9                      | 23,100*                   |                           |                            |                           |                           |                            |                           | 110                       |
| 115                       | 68.6                      | 340.0                      | 19,900*                   | 69.3                      | 340.9                      | 23,000*                   |                           |                            |                           |                           |                            |                           | 115                       |
| 120                       | 67.5                      | 337.9                      | 19,700*                   | 68.1                      | 338.9                      | 22,800*                   | 69.1                      | 340.1                      | 22,700*                   |                           |                            |                           | 120                       |
| 125                       | 66.3                      | 335.7                      | 19,500*                   | 67.0                      | 336.7                      | 22,500*                   | 67.9                      | 338.0                      | 22,500*                   |                           |                            |                           | 125                       |
| 130                       | 65.2                      | 333.3                      | 19,400*                   | 65.8                      | 334.4                      | 21,500*                   | 66.8                      | 335.8                      | 22,400*                   |                           |                            |                           | 130                       |
| 135                       | 64.0                      | 330.8                      | 19,100*                   | 64.7                      | 332.0                      | 20,700*                   | 65.6                      | 333.5                      | 21,600*                   | 66.6                      | 334.7                      | 21,900*                   | 135                       |
| 140                       | 62.8                      | 328.2                      | 19,000*                   | 63.5                      | 329.4                      | 19,900*                   | 64.5                      | 331.0                      | 20,700*                   | 65.4                      | 332.3                      | 20,600                    | 140                       |
| 145                       | 61.6                      | 325.4                      | 18,500*                   | 62.3                      | 326.8                      | 19,100*                   | 63.3                      | 328.5                      | 19,900*                   | 64.3                      | 329.9                      | 19,300                    | 145                       |
| 150                       | 60.4                      | 322.5                      | 17,800*                   | 61.1                      | 323.9                      | 18,400*                   | 62.1                      | 325.8                      | 19,200*                   | 63.1                      | 327.3                      | 18,000                    | 150                       |
| 155                       | 59.2                      | 319.5                      | 17,200*                   | 59.9                      | 321.0                      | 17,700*                   | 60.9                      | 322.9                      | 18,000                    | 61.9                      | 324.6                      | 16,800                    | 155                       |
| 160                       | 57.9                      | 316.3                      | 16,600*                   | 58.6                      | 317.9                      | 17,100*                   | 59.7                      | 320.0                      | 16,900                    | 60.7                      | 321.7                      | 15,700                    | 160                       |
| 165                       | 56.7                      | 313.0                      | 16,000*                   | 57.4                      | 314.6                      | 16,500*                   | 58.4                      | 316.8                      | 15,800                    | 59.4                      | 318.7                      | 14,600                    | 165                       |
| 170                       | 55.4                      | 309.5                      | 15,500*                   | 56.1                      | 311.2                      | 15,900*                   | 57.2                      | 313.5                      | 14,800                    | 58.2                      | 315.5                      | 13,600                    | 170                       |
| 175                       | 54.1                      | 305.8                      | 14,900*                   | 54.8                      | 307.6                      | 15,000                    | 55.9                      | 310.1                      | 13,800                    | 56.9                      | 312.2                      | 12,700                    | 175                       |
| 180                       | 52.8                      | 301.9                      | 14,500*                   | 53.5                      | 303.9                      | 14,000                    | 54.6                      | 306.5                      | 12,900                    | 55.7                      | 308.8                      | 11,900                    | 180                       |
| 185                       | 51.4                      | 297.9                      | 13,800                    | 52.2                      | 299.9                      | 13,100                    | 53.3                      | 302.7                      | 12,100                    | 54.4                      | 305.1                      | 11,000                    | 185                       |
| 190                       | 50.0                      | 293.6                      | 13,000                    | 50.8                      | 295.8                      | 12,300                    | 51.9                      | 298.7                      | 11,300                    | 53.0                      | 301.3                      | 10,300                    | 190                       |
| 195                       | 48.6                      | 289.2                      | 12,200                    | 49.4                      | 291.5                      | 11,500                    | 50.6                      | 294.6                      | 10,500                    | 51.7                      | 297.3                      | 9,500                     | 195                       |
| 200                       | 47.2                      | 284.5                      | 11,400                    | 48.0                      | 286.9                      | 10,800                    | 49.2                      | 290.2                      | 9,800                     | 50.3                      | 293.1                      | 8,800                     | 200                       |
| 205                       | 45.7                      | 279.5                      | 10,700                    | 46.5                      | 282.1                      | 10,100                    | 47.7                      | 285.6                      | 9,100                     | 48.9                      | 288.7                      | 8,200                     | 205                       |
| 210                       | 44.2                      | 274.3                      | 10,000                    | 45.0                      | 277.0                      | 9,400                     | 46.3                      | 280.7                      | 8,500                     | 47.5                      | 284.0                      | 7,500                     | 210                       |
| 215                       | 42.6                      | 268.9                      | 9,300                     | 43.5                      | 271.7                      | 8,700                     | 44.8                      | 275.6                      | 7,800                     | 46.0                      | 279.1                      | 6,900                     | 215                       |
| 220                       | 41.0                      | 263.0                      | 8,700                     | 41.9                      | 266.1                      | 8,100                     | 43.2                      | 270.3                      | 7,200                     | 44.5                      | 274.0                      | 6,400                     | 220                       |
| 225                       | 39.3                      | 256.9                      | 8,100                     | 40.3                      | 260.1                      | 7,500                     | 41.6                      | 264.6                      | 6,700                     | 43.0                      | 268.6                      | 5,800                     | 225                       |
| 230                       | 37.6                      | 250.4                      | 7,500                     | 38.6                      | 253.8                      | 7,000                     | 40.0                      | 258.6                      | 6,100                     | 41.4                      | 262.8                      | 5,300                     | 230                       |
| 235                       | 35.8                      | 243.4                      | 7,000                     | 36.8                      | 247.1                      | 6,400                     | 38.3                      | 252.2                      | 5,600                     | 39.7                      | 256.8                      | 4,800                     | 235                       |
| 240                       | 33.9                      | 235.9                      | 6,400                     | 35.0                      | 239.9                      | 5,900                     | 36.5                      | 245.4                      | 5,100                     | 38.0                      | 250.3                      | 4,300                     | 240                       |
| 245                       | 31.9                      | 227.9                      | 5,900                     | 33.1                      | 232.2                      | 5,400                     | 34.7                      | 238.1                      | 4,600                     |                           |                            |                           | 245                       |
| 250                       | 29.8                      | 219.1                      | 5,400                     | 31.0                      | 223.9                      | 4,900                     | 32.7                      | 230.3                      | 4,200                     |                           |                            |                           | 250                       |
| 255                       | 27.5                      | 209.6                      | 5,000                     | 28.8                      | 214.8                      | 4,500                     |                           |                            |                           |                           |                            |                           | 255                       |
| 260                       | 25.1                      | 199.0                      | 4,500                     | 26.5                      | 204.8                      | 4,000                     |                           |                            |                           |                           |                            |                           | 260                       |
| 265                       | 22.4                      | 187.0                      | 4,100                     |                           |                            |                           |                           |                            |                           |                           |                            |                           | 265                       |



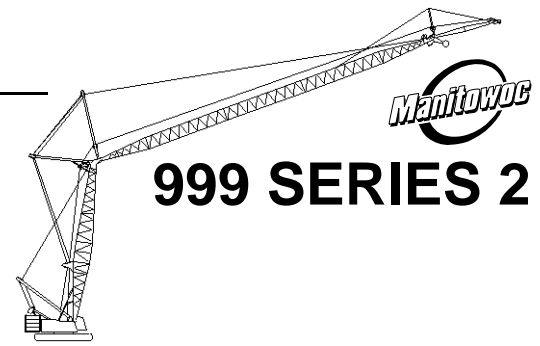
# Liftcrane Fixed Jib Capacities

New York City Code  
 Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82  
 184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

## 80 Ft. Boom, 170 Ft. Luffing Jib, 70 Ft. Fixed Jib

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | 80 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 80                        | 74.6                      | 320.7                      | 18,700*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 80                        |
| 85                        | 73.3                      | 319.2                      | 18,400*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 85                        |
| 90                        | 72.1                      | 317.5                      | 18,100*                   | 72.8                      | 318.2                      | 21,000*                   |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 70.8                      | 315.7                      | 17,800*                   | 71.5                      | 316.5                      | 20,700*                   |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 69.6                      | 313.8                      | 17,600*                   | 70.3                      | 314.7                      | 20,300*                   |                           |                            |                           |                           |                            |                           | 100                       |
| 105                       | 68.3                      | 311.8                      | 17,300*                   | 69.0                      | 312.7                      | 20,000*                   |                           |                            |                           |                           |                            |                           | 105                       |
| 110                       | 67.0                      | 309.6                      | 17,000*                   | 67.7                      | 310.6                      | 19,700*                   | 68.8                      | 311.8                      | 19,800*                   |                           |                            |                           | 110                       |
| 115                       | 65.7                      | 307.3                      | 16,700*                   | 66.4                      | 308.4                      | 19,400*                   | 67.5                      | 309.7                      | 19,500*                   |                           |                            |                           | 115                       |
| 120                       | 64.4                      | 304.9                      | 16,500*                   | 65.1                      | 306.0                      | 19,100*                   | 66.2                      | 307.5                      | 19,200*                   |                           |                            |                           | 120                       |
| 125                       | 63.1                      | 302.3                      | 16,200*                   | 63.8                      | 303.5                      | 18,800*                   | 64.9                      | 305.1                      | 18,900*                   | 66.0                      | 306.3                      | 19,000*                   | 125                       |
| 130                       | 61.7                      | 299.5                      | 16,000*                   | 62.5                      | 300.9                      | 18,500*                   | 63.6                      | 302.6                      | 18,600*                   | 64.7                      | 303.9                      | 18,700*                   | 130                       |
| 135                       | 60.4                      | 296.6                      | 15,700*                   | 61.1                      | 298.1                      | 18,200*                   | 62.2                      | 299.9                      | 18,400*                   | 63.4                      | 301.4                      | 18,400*                   | 135                       |
| 140                       | 59.0                      | 293.6                      | 15,500*                   | 59.7                      | 295.1                      | 17,900*                   | 60.9                      | 297.0                      | 18,100*                   | 62.0                      | 298.7                      | 18,100*                   | 140                       |
| 145                       | 57.6                      | 290.4                      | 15,200*                   | 58.4                      | 292.0                      | 17,700*                   | 59.5                      | 294.1                      | 17,800*                   | 60.6                      | 295.8                      | 17,900*                   | 145                       |
| 150                       | 56.1                      | 287.0                      | 15,000*                   | 56.9                      | 288.7                      | 17,400*                   | 58.1                      | 290.9                      | 17,700*                   | 59.3                      | 292.8                      | 17,600*                   | 150                       |
| 155                       | 54.7                      | 283.4                      | 14,800*                   | 55.5                      | 285.2                      | 17,300*                   | 56.7                      | 287.6                      | 17,400*                   | 57.9                      | 289.6                      | 17,400*                   | 155                       |
| 160                       | 53.2                      | 279.6                      | 14,600*                   | 54.0                      | 281.5                      | 16,900*                   | 55.3                      | 284.0                      | 17,000*                   | 56.4                      | 286.2                      | 17,100*                   | 160                       |
| 165                       | 51.7                      | 275.6                      | 14,400*                   | 52.5                      | 277.6                      | 16,700*                   | 53.8                      | 280.3                      | 16,800*                   | 55.0                      | 282.7                      | 16,900*                   | 165                       |
| 170                       | 50.2                      | 271.4                      | 14,200*                   | 51.0                      | 273.5                      | 16,100*                   | 52.3                      | 276.4                      | 16,700*                   | 53.5                      | 278.9                      | 15,900                    | 170                       |
| 175                       | 48.6                      | 266.9                      | 14,000*                   | 49.5                      | 269.2                      | 15,500*                   | 50.8                      | 272.3                      | 16,100                    | 52.0                      | 275.0                      | 15,000                    | 175                       |
| 180                       | 46.9                      | 262.2                      | 13,800*                   | 47.9                      | 264.6                      | 14,900*                   | 49.2                      | 267.9                      | 15,200                    | 50.5                      | 270.8                      | 14,100                    | 180                       |
| 185                       | 45.3                      | 257.2                      | 13,600*                   | 46.2                      | 259.8                      | 14,400*                   | 47.6                      | 263.3                      | 14,300                    | 48.9                      | 266.4                      | 13,300                    | 185                       |
| 190                       | 43.6                      | 251.9                      | 13,400*                   | 44.5                      | 254.7                      | 13,900*                   | 45.9                      | 258.4                      | 13,500                    | 47.3                      | 261.7                      | 12,500                    | 190                       |
| 195                       | 41.8                      | 246.3                      | 13,000*                   | 42.8                      | 249.2                      | 13,400*                   | 44.2                      | 253.2                      | 12,700                    | 45.6                      | 256.8                      | 11,800                    | 195                       |
| 200                       | 39.9                      | 240.3                      | 12,600*                   | 41.0                      | 243.4                      | 13,000*                   | 42.5                      | 247.7                      | 12,000                    | 43.9                      | 251.6                      | 11,100                    | 200                       |
| 205                       | 38.0                      | 233.8                      | 12,200*                   | 39.1                      | 237.2                      | 12,300                    | 40.7                      | 241.9                      | 11,300                    | 42.2                      | 246.0                      | 10,400                    | 205                       |
| 210                       | 36.0                      | 226.9                      | 11,800*                   | 37.1                      | 230.6                      | 11,600                    | 38.8                      | 235.6                      | 10,700                    | 40.3                      | 240.1                      | 9,800                     | 210                       |
| 215                       | 33.9                      | 219.5                      | 11,500*                   | 35.1                      | 223.5                      | 10,900                    | 36.8                      | 228.9                      | 10,100                    | 38.4                      | 233.8                      | 9,200                     | 215                       |
| 220                       | 31.6                      | 211.4                      | 10,900                    | 32.9                      | 215.7                      | 10,300                    | 34.7                      | 221.7                      | 9,500                     | 36.4                      | 227.0                      | 8,600                     | 220                       |
| 225                       | 29.2                      | 202.5                      | 10,300                    | 30.6                      | 207.3                      | 9,700                     | 32.5                      | 213.8                      | 8,900                     | 34.3                      | 219.6                      | 8,100                     | 225                       |
| 230                       | 26.6                      | 192.6                      | 9,700                     | 28.1                      | 198.0                      | 9,100                     | 30.2                      | 205.3                      | 8,300                     | 32.1                      | 211.7                      | 7,500                     | 230                       |
| 235                       | 23.7                      | 181.4                      | 9,100                     | 25.4                      | 187.6                      | 8,600                     | 27.7                      | 195.8                      | 7,800                     | 29.8                      | 203.0                      | 7,000                     | 235                       |
| 240                       | 20.4                      | 168.3                      | 8,600                     | 22.3                      | 175.6                      | 8,100                     | 24.9                      | 185.2                      | 7,300                     | 27.2                      | 193.3                      | 6,500                     | 240                       |
| 245                       | 16.5                      | 152.3                      | 8,000                     | 18.8                      | 161.5                      | 7,500                     | 21.8                      | 172.9                      | 6,800                     | 24.4                      | 182.4                      | 6,100                     | 245                       |
| 250                       | 11.1                      | 130.1                      | 7,100*                    | 14.3                      | 143.4                      | 7,000                     | 18.1                      | 158.3                      | 6,300                     | 21.2                      | 169.8                      | 5,600                     | 250                       |
| 255                       |                           |                            |                           | 7.4                       | 114.3                      | 6,400*                    | 13.4                      | 139.2                      | 5,800                     | 17.4                      | 154.6                      | 5,200                     | 255                       |
| 260                       |                           |                            |                           |                           |                            |                           | 5.2                       | 104.5                      | 5,300                     | 12.4                      | 134.3                      | 4,700                     | 260                       |



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

New York City Code  
 Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82  
 184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 80 Ft. Boom, 180 Ft. Luffing Jib, 70 Ft. Fixed Jib

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | 80 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 85                        | 74.0                      | 329.6                      | 18,100*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 85                        |
| 90                        | 72.8                      | 328.1                      | 17,800*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 71.6                      | 326.4                      | 17,600*                   | 72.3                      | 327.1                      | 20,300*                   |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 70.4                      | 324.5                      | 17,300*                   | 71.1                      | 325.3                      | 20,100*                   |                           |                            |                           |                           |                            |                           | 100                       |
| 105                       | 69.2                      | 322.6                      | 17,100*                   | 69.9                      | 323.5                      | 19,800*                   |                           |                            |                           |                           |                            |                           | 105                       |
| 110                       | 68.0                      | 320.5                      | 16,800*                   | 68.7                      | 321.5                      | 19,500*                   | 69.7                      | 322.6                      | 19,600*                   |                           |                            |                           | 110                       |
| 115                       | 66.7                      | 318.3                      | 16,600*                   | 67.4                      | 319.3                      | 19,200*                   | 68.5                      | 320.6                      | 19,300*                   |                           |                            |                           | 115                       |
| 120                       | 65.5                      | 316.0                      | 16,300*                   | 66.2                      | 317.1                      | 18,900*                   | 67.2                      | 318.4                      | 19,000*                   |                           |                            |                           | 120                       |
| 125                       | 64.2                      | 313.5                      | 16,100*                   | 64.9                      | 314.7                      | 18,600*                   | 66.0                      | 316.2                      | 18,700*                   |                           |                            |                           | 125                       |
| 130                       | 62.9                      | 310.9                      | 15,900*                   | 63.7                      | 312.2                      | 18,400*                   | 64.7                      | 313.8                      | 18,500*                   | 65.8                      | 315.0                      | 18,900*                   | 130                       |
| 135                       | 61.7                      | 308.2                      | 15,600*                   | 62.4                      | 309.5                      | 18,100*                   | 63.4                      | 311.2                      | 18,200*                   | 64.5                      | 312.6                      | 18,300*                   | 135                       |
| 140                       | 60.3                      | 305.3                      | 15,400*                   | 61.1                      | 306.7                      | 17,800*                   | 62.2                      | 308.5                      | 17,900*                   | 63.2                      | 310.0                      | 18,000*                   | 140                       |
| 145                       | 59.0                      | 302.3                      | 15,200*                   | 59.8                      | 303.8                      | 17,600*                   | 60.9                      | 305.7                      | 17,700*                   | 61.9                      | 307.3                      | 17,700*                   | 145                       |
| 150                       | 57.7                      | 299.0                      | 15,000*                   | 58.4                      | 300.6                      | 17,300*                   | 59.5                      | 302.7                      | 17,400*                   | 60.6                      | 304.5                      | 17,500*                   | 150                       |
| 155                       | 56.3                      | 295.7                      | 14,900*                   | 57.1                      | 297.3                      | 17,100*                   | 58.2                      | 299.6                      | 17,200*                   | 59.3                      | 301.4                      | 17,400*                   | 155                       |
| 160                       | 54.9                      | 292.1                      | 14,500*                   | 55.7                      | 293.9                      | 16,700*                   | 56.8                      | 296.3                      | 16,900*                   | 58.0                      | 298.3                      | 17,000*                   | 160                       |
| 165                       | 53.5                      | 288.4                      | 14,300*                   | 54.3                      | 290.2                      | 16,000*                   | 55.5                      | 292.8                      | 16,700*                   | 56.6                      | 294.9                      | 16,300                    | 165                       |
| 170                       | 52.0                      | 284.4                      | 14,100*                   | 52.9                      | 286.4                      | 15,400*                   | 54.0                      | 289.1                      | 16,100*                   | 55.2                      | 291.4                      | 15,300                    | 170                       |
| 175                       | 50.6                      | 280.3                      | 13,900*                   | 51.4                      | 282.4                      | 14,900*                   | 52.6                      | 285.2                      | 15,500*                   | 53.8                      | 287.7                      | 14,400                    | 175                       |
| 180                       | 49.1                      | 275.9                      | 13,800*                   | 49.9                      | 278.1                      | 14,300*                   | 51.1                      | 281.2                      | 14,600                    | 52.4                      | 283.8                      | 13,500                    | 180                       |
| 185                       | 47.5                      | 271.3                      | 13,400*                   | 48.4                      | 273.6                      | 13,800*                   | 49.7                      | 276.9                      | 13,700                    | 50.9                      | 279.7                      | 12,700                    | 185                       |
| 190                       | 45.9                      | 266.4                      | 13,000*                   | 46.8                      | 268.9                      | 13,300*                   | 48.1                      | 272.3                      | 12,900                    | 49.4                      | 275.4                      | 11,900                    | 190                       |
| 195                       | 44.3                      | 261.2                      | 12,500*                   | 45.2                      | 263.9                      | 12,900*                   | 46.6                      | 267.6                      | 12,200                    | 47.9                      | 270.8                      | 11,200                    | 195                       |
| 200                       | 42.6                      | 255.7                      | 12,100*                   | 43.6                      | 258.6                      | 12,400                    | 44.9                      | 262.5                      | 11,400                    | 46.3                      | 266.0                      | 10,500                    | 200                       |
| 205                       | 40.9                      | 249.9                      | 11,700*                   | 41.9                      | 253.0                      | 11,700                    | 43.3                      | 257.2                      | 10,800                    | 44.7                      | 260.9                      | 9,800                     | 205                       |
| 210                       | 39.1                      | 243.7                      | 11,400*                   | 40.1                      | 247.0                      | 11,000                    | 41.6                      | 251.5                      | 10,100                    | 43.0                      | 255.4                      | 9,200                     | 210                       |
| 215                       | 37.2                      | 237.1                      | 11,000*                   | 38.3                      | 240.6                      | 10,400                    | 39.8                      | 245.4                      | 9,500                     | 41.3                      | 249.7                      | 8,600                     | 215                       |
| 220                       | 35.2                      | 230.0                      | 10,300                    | 36.3                      | 233.8                      | 9,800                     | 37.9                      | 239.0                      | 8,900                     | 39.5                      | 243.6                      | 8,000                     | 220                       |
| 225                       | 33.2                      | 222.4                      | 9,700                     | 34.3                      | 226.5                      | 9,200                     | 36.0                      | 232.1                      | 8,300                     | 37.6                      | 237.1                      | 7,500                     | 225                       |
| 230                       | 31.0                      | 214.1                      | 9,100                     | 32.2                      | 218.6                      | 8,600                     | 34.0                      | 224.7                      | 7,800                     | 35.7                      | 230.1                      | 7,000                     | 230                       |
| 235                       | 28.6                      | 204.9                      | 8,600                     | 29.9                      | 209.9                      | 8,100                     | 31.8                      | 216.6                      | 7,300                     | 33.6                      | 222.6                      | 6,500                     | 235                       |
| 240                       | 26.0                      | 194.8                      | 8,000                     | 27.5                      | 200.4                      | 7,500                     | 29.5                      | 207.8                      | 6,800                     | 31.4                      | 214.4                      | 6,000                     | 240                       |
| 245                       | 23.2                      | 183.4                      | 7,500                     | 24.8                      | 189.7                      | 7,000                     | 27.1                      | 198.1                      | 6,300                     | 29.1                      | 205.5                      | 5,500                     | 245                       |
| 250                       | 20.0                      | 170.0                      | 7,000                     | 21.8                      | 177.5                      | 6,500                     | 24.3                      | 187.2                      | 5,800                     | 26.6                      | 195.6                      | 5,100                     | 250                       |
| 255                       | 16.1                      | 153.6                      | 6,500                     | 18.4                      | 163.0                      | 6,100                     | 21.3                      | 174.7                      | 5,300                     | 23.8                      | 184.5                      | 4,600                     | 255                       |
| 260                       | 10.8                      | 130.9                      | 5,600*                    | 14.0                      | 144.5                      | 5,600                     | 17.7                      | 159.7                      | 4,900                     | 20.7                      | 171.6                      | 4,200                     | 260                       |
| 265                       |                           |                            |                           | 7.2                       | 114.9                      | 5,000*                    | 13.1                      | 140.2                      | 4,400                     |                           |                            |                           | 265                       |
| 270                       |                           |                            |                           |                           |                            |                           | 5.0                       | 104.8                      | 4,000                     |                           |                            |                           | 270                       |



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

New York City Code  
 Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82

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

184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

### 80 Ft. Boom, 190 Ft. Luffing Jib, 70 Ft. Fixed Jib

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | 80 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 85                        | 74.6                      | 340.1                      | 17,800*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 85                        |
| 90                        | 73.5                      | 338.6                      | 17,500*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 72.4                      | 336.9                      | 17,300*                   | 73.0                      | 337.6                      | 20,000*                   |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 71.2                      | 335.2                      | 17,100*                   | 71.8                      | 335.9                      | 19,700*                   |                           |                            |                           |                           |                            |                           | 100                       |
| 105                       | 70.0                      | 333.3                      | 16,800*                   | 70.7                      | 334.2                      | 19,500*                   |                           |                            |                           |                           |                            |                           | 105                       |
| 110                       | 68.9                      | 331.3                      | 16,600*                   | 69.5                      | 332.2                      | 19,200*                   |                           |                            |                           |                           |                            |                           | 110                       |
| 115                       | 67.7                      | 329.3                      | 16,400*                   | 68.3                      | 330.2                      | 18,900*                   | 69.3                      | 331.4                      | 19,000*                   |                           |                            |                           | 115                       |
| 120                       | 66.5                      | 327.0                      | 16,100*                   | 67.1                      | 328.1                      | 18,700*                   | 68.1                      | 329.3                      | 18,700*                   |                           |                            |                           | 120                       |
| 125                       | 65.3                      | 324.7                      | 15,900*                   | 66.0                      | 325.8                      | 18,400*                   | 66.9                      | 327.2                      | 18,500*                   |                           |                            |                           | 125                       |
| 130                       | 64.1                      | 322.2                      | 15,700*                   | 64.7                      | 323.4                      | 18,200*                   | 65.7                      | 324.9                      | 18,300*                   | 66.7                      | 326.0                      | 18,200*                   | 130                       |
| 135                       | 62.8                      | 319.6                      | 15,500*                   | 63.5                      | 320.9                      | 17,900*                   | 64.5                      | 322.4                      | 18,000*                   | 65.5                      | 323.7                      | 18,000*                   | 135                       |
| 140                       | 61.6                      | 316.9                      | 15,300*                   | 62.3                      | 318.2                      | 17,700*                   | 63.3                      | 319.9                      | 17,800*                   | 64.3                      | 321.3                      | 17,800*                   | 140                       |
| 145                       | 60.3                      | 314.0                      | 15,100*                   | 61.0                      | 315.4                      | 17,400*                   | 62.1                      | 317.2                      | 17,500*                   | 63.1                      | 318.7                      | 17,600*                   | 145                       |
| 150                       | 59.1                      | 310.9                      | 14,900*                   | 59.8                      | 312.4                      | 17,400*                   | 60.8                      | 314.4                      | 17,300*                   | 61.9                      | 316.0                      | 17,300*                   | 150                       |
| 155                       | 57.8                      | 307.7                      | 14,700*                   | 58.5                      | 309.3                      | 17,100*                   | 59.6                      | 311.4                      | 17,100*                   | 60.6                      | 313.1                      | 17,100*                   | 155                       |
| 160                       | 56.4                      | 304.4                      | 14,500*                   | 57.2                      | 306.0                      | 16,900*                   | 58.3                      | 308.2                      | 16,800*                   | 59.3                      | 310.1                      | 16,900*                   | 160                       |
| 165                       | 55.1                      | 300.8                      | 14,300*                   | 55.9                      | 302.6                      | 16,500*                   | 57.0                      | 304.9                      | 16,600*                   | 58.0                      | 306.9                      | 15,800                    | 165                       |
| 170                       | 53.8                      | 297.1                      | 14,200*                   | 54.5                      | 299.0                      | 16,100*                   | 55.6                      | 301.5                      | 16,000                    | 56.7                      | 303.6                      | 14,900                    | 170                       |
| 175                       | 52.4                      | 293.2                      | 13,900*                   | 53.1                      | 295.2                      | 15,500*                   | 54.3                      | 297.8                      | 15,000                    | 55.4                      | 300.1                      | 13,900                    | 175                       |
| 180                       | 51.0                      | 289.1                      | 13,700*                   | 51.7                      | 291.2                      | 15,000*                   | 52.9                      | 294.0                      | 14,100                    | 54.0                      | 296.5                      | 13,100                    | 180                       |
| 185                       | 49.5                      | 284.8                      | 13,500*                   | 50.3                      | 287.0                      | 14,300                    | 51.5                      | 290.0                      | 13,300                    | 52.7                      | 292.6                      | 12,300                    | 185                       |
| 190                       | 48.0                      | 280.3                      | 13,400*                   | 48.9                      | 282.6                      | 13,500                    | 50.1                      | 285.8                      | 12,500                    | 51.3                      | 288.5                      | 11,500                    | 190                       |
| 195                       | 46.5                      | 275.5                      | 13,100*                   | 47.4                      | 278.0                      | 12,700                    | 48.6                      | 281.3                      | 11,700                    | 49.8                      | 284.3                      | 10,800                    | 195                       |
| 200                       | 45.0                      | 270.5                      | 12,700*                   | 45.9                      | 273.1                      | 12,000                    | 47.1                      | 276.6                      | 11,000                    | 48.4                      | 279.8                      | 10,100                    | 200                       |
| 205                       | 43.4                      | 265.1                      | 11,900                    | 44.3                      | 267.9                      | 11,300                    | 45.6                      | 271.7                      | 10,300                    | 46.9                      | 275.1                      | 9,400                     | 205                       |
| 210                       | 41.8                      | 259.5                      | 11,300                    | 42.7                      | 262.4                      | 10,600                    | 44.0                      | 266.5                      | 9,700                     | 45.3                      | 270.1                      | 8,800                     | 210                       |
| 215                       | 40.0                      | 253.5                      | 10,600                    | 41.0                      | 256.7                      | 9,900                     | 42.4                      | 261.0                      | 9,100                     | 43.7                      | 264.8                      | 8,200                     | 215                       |
| 220                       | 38.3                      | 247.1                      | 10,000                    | 39.3                      | 250.5                      | 9,300                     | 40.7                      | 255.1                      | 8,500                     | 42.1                      | 259.2                      | 7,600                     | 220                       |
| 225                       | 36.4                      | 240.3                      | 9,400                     | 37.5                      | 244.0                      | 8,700                     | 39.0                      | 248.9                      | 7,900                     | 40.4                      | 253.3                      | 7,100                     | 225                       |
| 230                       | 34.5                      | 233.1                      | 8,800                     | 35.6                      | 237.0                      | 8,200                     | 37.2                      | 242.3                      | 7,400                     | 38.7                      | 247.1                      | 6,500                     | 230                       |
| 235                       | 32.5                      | 225.2                      | 8,200                     | 33.6                      | 229.4                      | 7,600                     | 35.3                      | 235.2                      | 6,800                     | 36.8                      | 240.4                      | 6,000                     | 235                       |
| 240                       | 30.3                      | 216.7                      | 7,700                     | 31.6                      | 221.3                      | 7,100                     | 33.3                      | 227.6                      | 6,300                     | 34.9                      | 233.2                      | 5,600                     | 240                       |
| 245                       | 28.0                      | 207.4                      | 7,200                     | 29.3                      | 212.4                      | 6,600                     | 31.2                      | 219.4                      | 5,900                     | 32.9                      | 225.5                      | 5,100                     | 245                       |
| 250                       | 25.5                      | 197.0                      | 6,700                     | 26.9                      | 202.7                      | 6,100                     | 28.9                      | 210.4                      | 5,400                     | 30.8                      | 217.1                      | 4,700                     | 250                       |
| 255                       | 22.7                      | 185.3                      | 6,200                     | 24.3                      | 191.8                      | 5,700                     | 26.5                      | 200.4                      | 5,000                     | 28.5                      | 208.0                      | 4,200                     | 255                       |
| 260                       | 19.6                      | 171.7                      | 5,800                     | 21.4                      | 179.3                      | 5,200                     | 23.9                      | 189.3                      | 4,500                     |                           |                            |                           | 260                       |
| 265                       | 15.8                      | 155.0                      | 5,300                     | 18.0                      | 164.5                      | 4,800                     | 20.9                      | 176.5                      | 4,100                     |                           |                            |                           | 265                       |
| 270                       | 10.6                      | 131.8                      | 4,400*                    | 13.7                      | 145.7                      | 4,300                     |                           |                            |                           |                           |                            |                           | 270                       |





# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

New York City Code  
 Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82  
 184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 80 Ft. Boom, 200 Ft. Luffing Jib, 70 Ft. Fixed Jib

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | 80 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 90                        | 74.1                      | 349.0                      | 17,200*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 73.0                      | 347.5                      | 17,000*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 71.9                      | 345.8                      | 16,800*                   | 72.5                      | 346.5                      | 19,400*                   |                           |                            |                           |                           |                            |                           | 100                       |
| 105                       | 70.8                      | 344.0                      | 16,600*                   | 71.4                      | 344.8                      | 19,200*                   |                           |                            |                           |                           |                            |                           | 105                       |
| 110                       | 69.7                      | 342.1                      | 16,400*                   | 70.3                      | 343.0                      | 18,900*                   |                           |                            |                           |                           |                            |                           | 110                       |
| 115                       | 68.5                      | 340.1                      | 16,100*                   | 69.2                      | 341.0                      | 18,700*                   |                           |                            |                           |                           |                            |                           | 115                       |
| 120                       | 67.4                      | 338.0                      | 15,900*                   | 68.0                      | 339.0                      | 18,400*                   | 69.0                      | 340.2                      | 18,400*                   |                           |                            |                           | 120                       |
| 125                       | 66.3                      | 335.7                      | 15,700*                   | 66.9                      | 336.8                      | 18,100*                   | 67.8                      | 338.1                      | 18,200*                   |                           |                            |                           | 125                       |
| 130                       | 65.1                      | 333.4                      | 15,500*                   | 65.7                      | 334.5                      | 17,900*                   | 66.7                      | 335.9                      | 18,000*                   |                           |                            |                           | 130                       |
| 135                       | 63.9                      | 330.9                      | 15,300*                   | 64.6                      | 332.1                      | 17,700*                   | 65.5                      | 333.6                      | 17,700*                   | 66.5                      | 334.8                      | 17,700*                   | 135                       |
| 140                       | 62.7                      | 328.3                      | 15,100*                   | 63.4                      | 329.5                      | 17,500*                   | 64.4                      | 331.1                      | 17,500*                   | 65.3                      | 332.4                      | 17,500*                   | 140                       |
| 145                       | 61.5                      | 325.5                      | 14,900*                   | 62.2                      | 326.8                      | 17,200*                   | 63.2                      | 328.6                      | 17,500*                   | 64.2                      | 330.0                      | 17,300*                   | 145                       |
| 150                       | 60.3                      | 322.6                      | 14,700*                   | 61.0                      | 324.0                      | 17,000*                   | 62.0                      | 325.9                      | 17,300*                   | 63.0                      | 327.4                      | 17,100*                   | 150                       |
| 155                       | 59.1                      | 319.6                      | 14,500*                   | 59.8                      | 321.1                      | 17,000*                   | 60.8                      | 323.0                      | 17,100*                   | 61.8                      | 324.6                      | 16,900*                   | 155                       |
| 160                       | 57.8                      | 316.4                      | 14,300*                   | 58.5                      | 318.0                      | 16,600*                   | 59.6                      | 320.0                      | 16,700*                   | 60.6                      | 321.8                      | 16,300                    | 160                       |
| 165                       | 56.6                      | 313.1                      | 14,200*                   | 57.3                      | 314.7                      | 16,200*                   | 58.3                      | 316.9                      | 16,400*                   | 59.4                      | 318.8                      | 15,300                    | 165                       |
| 170                       | 55.3                      | 309.6                      | 14,000*                   | 56.0                      | 311.3                      | 15,600*                   | 57.1                      | 313.6                      | 15,500                    | 58.1                      | 315.6                      | 14,300                    | 170                       |
| 175                       | 54.0                      | 305.9                      | 14,000*                   | 54.7                      | 307.7                      | 15,000*                   | 55.8                      | 310.2                      | 14,500                    | 56.8                      | 312.3                      | 13,400                    | 175                       |
| 180                       | 52.7                      | 302.0                      | 13,600*                   | 53.4                      | 304.0                      | 14,500*                   | 54.5                      | 306.6                      | 13,600                    | 55.6                      | 308.8                      | 12,500                    | 180                       |
| 185                       | 51.3                      | 298.0                      | 13,600*                   | 52.1                      | 300.0                      | 13,800                    | 53.2                      | 302.8                      | 12,800                    | 54.3                      | 305.2                      | 11,700                    | 185                       |
| 190                       | 49.9                      | 293.7                      | 13,200*                   | 50.7                      | 295.9                      | 13,000                    | 51.8                      | 298.8                      | 12,000                    | 52.9                      | 301.4                      | 11,000                    | 190                       |
| 195                       | 48.5                      | 289.3                      | 12,700*                   | 49.3                      | 291.6                      | 12,200                    | 50.5                      | 294.7                      | 11,200                    | 51.6                      | 297.4                      | 10,200                    | 195                       |
| 200                       | 47.1                      | 284.6                      | 12,100                    | 47.9                      | 287.0                      | 11,500                    | 49.1                      | 290.3                      | 10,500                    | 50.2                      | 293.2                      | 9,500                     | 200                       |
| 205                       | 45.6                      | 279.6                      | 11,400                    | 46.4                      | 282.2                      | 10,800                    | 47.7                      | 285.7                      | 9,800                     | 48.8                      | 288.8                      | 8,900                     | 205                       |
| 210                       | 44.1                      | 274.4                      | 10,700                    | 44.9                      | 277.1                      | 10,100                    | 46.2                      | 280.8                      | 9,200                     | 47.4                      | 284.1                      | 8,200                     | 210                       |
| 215                       | 42.5                      | 269.0                      | 10,100                    | 43.4                      | 271.8                      | 9,500                     | 44.7                      | 275.8                      | 8,600                     | 45.9                      | 279.2                      | 7,700                     | 215                       |
| 220                       | 40.9                      | 263.2                      | 9,400                     | 41.8                      | 266.2                      | 8,800                     | 43.1                      | 270.4                      | 8,000                     | 44.4                      | 274.1                      | 7,100                     | 220                       |
| 225                       | 39.3                      | 257.0                      | 8,800                     | 40.2                      | 260.3                      | 8,300                     | 41.6                      | 264.7                      | 7,400                     | 42.9                      | 268.7                      | 6,500                     | 225                       |
| 230                       | 37.5                      | 250.5                      | 8,300                     | 38.5                      | 253.9                      | 7,700                     | 39.9                      | 258.7                      | 6,900                     | 41.3                      | 262.9                      | 6,000                     | 230                       |
| 235                       | 35.7                      | 243.5                      | 7,700                     | 36.7                      | 247.2                      | 7,200                     | 38.2                      | 252.3                      | 6,300                     | 39.6                      | 256.9                      | 5,500                     | 235                       |
| 240                       | 33.8                      | 236.0                      | 7,200                     | 34.9                      | 240.0                      | 6,600                     | 36.4                      | 245.5                      | 5,800                     | 37.9                      | 250.4                      | 5,000                     | 240                       |
| 245                       | 31.9                      | 228.0                      | 6,700                     | 33.0                      | 232.3                      | 6,100                     | 34.6                      | 238.3                      | 5,400                     | 36.1                      | 243.6                      | 4,600                     | 245                       |
| 250                       | 29.7                      | 219.3                      | 6,200                     | 30.9                      | 224.0                      | 5,700                     | 32.6                      | 230.5                      | 4,900                     | 34.3                      | 236.2                      | 4,100                     | 250                       |
| 255                       | 27.5                      | 209.7                      | 5,700                     | 28.8                      | 214.9                      | 5,200                     | 30.6                      | 222.0                      | 4,500                     |                           |                            |                           | 255                       |
| 260                       | 25.0                      | 199.1                      | 5,200                     | 26.4                      | 205.0                      | 4,800                     | 28.4                      | 212.8                      | 4,000                     |                           |                            |                           | 260                       |
| 265                       | 22.3                      | 187.2                      | 4,800                     | 23.8                      | 193.8                      | 4,300                     |                           |                            |                           |                           |                            |                           | 265                       |
| 270                       | 19.2                      | 173.3                      | 4,400                     |                           |                            |                           |                           |                            |                           |                           |                            |                           | 270                       |



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

New York City Code  
 Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82  
 184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 80 Ft. Boom, 210 Ft. Luffing Jib, 70 Ft. Fixed Jib

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | 80 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 90                        | 74.7                      | 359.5                      | 16,700*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 73.6                      | 358.0                      | 16,600*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 72.6                      | 356.3                      | 16,400*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 100                       |
| 105                       | 71.5                      | 354.6                      | 16,200*                   | 72.1                      | 355.4                      | 18,700*                   |                           |                            |                           |                           |                            |                           | 105                       |
| 110                       | 70.4                      | 352.8                      | 16,000*                   | 71.0                      | 353.6                      | 18,500*                   |                           |                            |                           |                           |                            |                           | 110                       |
| 115                       | 69.3                      | 350.9                      | 15,800*                   | 69.9                      | 351.8                      | 18,300*                   |                           |                            |                           |                           |                            |                           | 115                       |
| 120                       | 68.2                      | 348.9                      | 15,600*                   | 68.9                      | 349.8                      | 18,000*                   | 69.8                      | 350.9                      | 18,100*                   |                           |                            |                           | 120                       |
| 125                       | 67.1                      | 346.7                      | 15,500*                   | 67.8                      | 347.7                      | 17,800*                   | 68.7                      | 348.9                      | 17,900*                   |                           |                            |                           | 125                       |
| 130                       | 66.0                      | 344.4                      | 15,200*                   | 66.7                      | 345.5                      | 17,700*                   | 67.6                      | 346.8                      | 17,600*                   |                           |                            |                           | 130                       |
| 135                       | 64.9                      | 342.1                      | 15,100*                   | 65.5                      | 343.2                      | 17,400*                   | 66.5                      | 344.6                      | 17,400*                   |                           |                            |                           | 135                       |
| 140                       | 63.8                      | 339.6                      | 14,900*                   | 64.4                      | 340.7                      | 17,200*                   | 65.3                      | 342.3                      | 17,400*                   | 66.3                      | 343.5                      | 17,200*                   | 140                       |
| 145                       | 62.6                      | 336.9                      | 14,700*                   | 63.3                      | 338.2                      | 17,000*                   | 64.2                      | 339.8                      | 17,200*                   | 65.2                      | 341.1                      | 17,000*                   | 145                       |
| 150                       | 61.5                      | 334.2                      | 14,500*                   | 62.1                      | 335.5                      | 16,800*                   | 63.1                      | 337.2                      | 16,900*                   | 64.0                      | 338.6                      | 16,800*                   | 150                       |
| 155                       | 60.3                      | 331.3                      | 14,400*                   | 61.0                      | 332.7                      | 16,600*                   | 61.9                      | 334.5                      | 16,700*                   | 62.9                      | 336.0                      | 16,800*                   | 155                       |
| 160                       | 59.1                      | 328.3                      | 14,200*                   | 59.8                      | 329.7                      | 16,000*                   | 60.8                      | 331.7                      | 16,700*                   | 61.7                      | 333.3                      | 15,800                    | 160                       |
| 165                       | 57.9                      | 325.1                      | 14,000*                   | 58.6                      | 326.6                      | 15,400*                   | 59.6                      | 328.7                      | 16,000                    | 60.6                      | 330.4                      | 14,800                    | 165                       |
| 170                       | 56.7                      | 321.8                      | 13,900*                   | 57.4                      | 323.4                      | 14,800*                   | 58.4                      | 325.6                      | 15,000                    | 59.4                      | 327.4                      | 13,800                    | 170                       |
| 175                       | 55.5                      | 318.3                      | 13,700*                   | 56.2                      | 320.0                      | 14,300*                   | 57.2                      | 322.3                      | 14,000                    | 58.2                      | 324.3                      | 12,900                    | 175                       |
| 180                       | 54.2                      | 314.6                      | 13,400*                   | 54.9                      | 316.5                      | 13,800*                   | 55.9                      | 318.9                      | 13,100                    | 57.0                      | 321.0                      | 12,000                    | 180                       |
| 185                       | 52.9                      | 310.8                      | 12,900*                   | 53.7                      | 312.7                      | 13,300*                   | 54.7                      | 315.3                      | 12,300                    | 55.7                      | 317.5                      | 11,200                    | 185                       |
| 190                       | 51.6                      | 306.8                      | 12,500*                   | 52.4                      | 308.8                      | 12,500                    | 53.4                      | 311.6                      | 11,500                    | 54.5                      | 313.9                      | 10,400                    | 190                       |
| 195                       | 50.3                      | 302.6                      | 12,100*                   | 51.1                      | 304.8                      | 11,700                    | 52.1                      | 307.6                      | 10,700                    | 53.2                      | 310.2                      | 9,700                     | 195                       |
| 200                       | 49.0                      | 298.2                      | 11,600                    | 49.7                      | 300.5                      | 11,000                    | 50.8                      | 303.5                      | 10,000                    | 51.9                      | 306.2                      | 9,000                     | 200                       |
| 205                       | 47.6                      | 293.6                      | 10,900                    | 48.4                      | 296.0                      | 10,300                    | 49.5                      | 299.2                      | 9,300                     | 50.6                      | 302.1                      | 8,400                     | 205                       |
| 210                       | 46.2                      | 288.8                      | 10,200                    | 47.0                      | 291.3                      | 9,600                     | 48.1                      | 294.7                      | 8,700                     | 49.3                      | 297.7                      | 7,700                     | 210                       |
| 215                       | 44.7                      | 283.7                      | 9,600                     | 45.5                      | 286.3                      | 9,000                     | 46.7                      | 290.0                      | 8,000                     | 47.9                      | 293.1                      | 7,100                     | 215                       |
| 220                       | 43.3                      | 278.4                      | 8,900                     | 44.1                      | 281.1                      | 8,300                     | 45.3                      | 285.0                      | 7,500                     | 46.5                      | 288.4                      | 6,600                     | 220                       |
| 225                       | 41.7                      | 272.7                      | 8,300                     | 42.6                      | 275.7                      | 7,800                     | 43.8                      | 279.7                      | 6,900                     | 45.0                      | 283.3                      | 6,000                     | 225                       |
| 230                       | 40.1                      | 266.8                      | 7,800                     | 41.0                      | 269.9                      | 7,200                     | 42.3                      | 274.2                      | 6,400                     | 43.6                      | 278.0                      | 5,500                     | 230                       |
| 235                       | 38.5                      | 260.4                      | 7,200                     | 39.4                      | 263.8                      | 6,700                     | 40.8                      | 268.4                      | 5,800                     | 42.1                      | 272.5                      | 5,000                     | 235                       |
| 240                       | 36.8                      | 253.7                      | 6,700                     | 37.8                      | 257.3                      | 6,200                     | 39.2                      | 262.2                      | 5,300                     | 40.5                      | 266.6                      | 4,500                     | 240                       |
| 245                       | 35.1                      | 246.6                      | 6,200                     | 36.1                      | 250.4                      | 5,700                     | 37.5                      | 255.7                      | 4,900                     | 38.9                      | 260.3                      | 4,100                     | 245                       |
| 250                       | 33.2                      | 239.0                      | 5,700                     | 34.2                      | 243.1                      | 5,200                     | 35.8                      | 248.7                      | 4,400                     |                           |                            |                           | 250                       |
| 255                       | 31.3                      | 230.7                      | 5,200                     | 32.4                      | 235.2                      | 4,700                     | 33.9                      | 241.3                      | 4,000                     |                           |                            |                           | 255                       |
| 260                       | 29.2                      | 221.8                      | 4,800                     | 30.4                      | 226.7                      | 4,300                     |                           |                            |                           |                           |                            |                           | 260                       |
| 265                       | 27.0                      | 212.1                      | 4,300                     |                           |                            |                           |                           |                            |                           |                           |                            |                           | 265                       |



# Liftcrane Fixed Jib Capacities

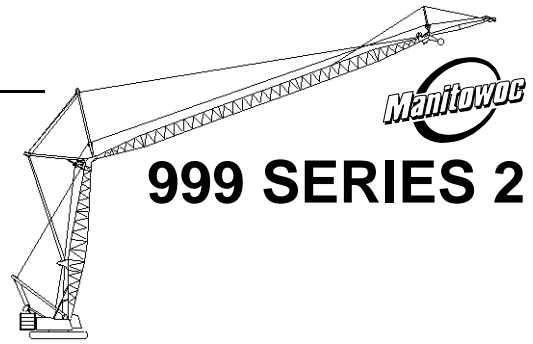
## 999 SERIES 2

New York City Code  
Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

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

### 80 Ft. Boom, 170 Ft. Luffing Jib, 80 Ft. Fixed Jib

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | 80 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 80                        | 74.9                      | 331.2                      | 14,600*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 80                        |
| 85                        | 73.7                      | 329.7                      | 14,300*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 85                        |
| 90                        | 72.6                      | 328.1                      | 14,100*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 71.4                      | 326.4                      | 13,900*                   | 72.0                      | 327.2                      | 16,100*                   |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 70.2                      | 324.6                      | 13,600*                   | 70.8                      | 325.4                      | 15,800*                   |                           |                            |                           |                           |                            |                           | 100                       |
| 105                       | 68.9                      | 322.7                      | 13,400*                   | 69.6                      | 323.5                      | 15,500*                   |                           |                            |                           |                           |                            |                           | 105                       |
| 110                       | 67.7                      | 320.6                      | 13,200*                   | 68.4                      | 321.5                      | 15,300*                   | 69.4                      | 322.7                      | 15,400*                   |                           |                            |                           | 110                       |
| 115                       | 66.5                      | 318.4                      | 13,000*                   | 67.2                      | 319.4                      | 15,000*                   | 68.2                      | 320.7                      | 15,100*                   |                           |                            |                           | 115                       |
| 120                       | 65.2                      | 316.1                      | 12,700*                   | 65.9                      | 317.2                      | 14,800*                   | 67.0                      | 318.5                      | 14,900*                   |                           |                            |                           | 120                       |
| 125                       | 64.0                      | 313.6                      | 12,500*                   | 64.7                      | 314.8                      | 14,500*                   | 65.7                      | 316.3                      | 14,600*                   | 66.7                      | 317.4                      | 14,700*                   | 125                       |
| 130                       | 62.7                      | 311.0                      | 12,300*                   | 63.4                      | 312.3                      | 14,300*                   | 64.5                      | 313.9                      | 14,400*                   | 65.5                      | 315.1                      | 14,500*                   | 130                       |
| 135                       | 61.4                      | 308.3                      | 12,100*                   | 62.1                      | 309.6                      | 14,000*                   | 63.2                      | 311.3                      | 14,200*                   | 64.2                      | 312.7                      | 14,200*                   | 135                       |
| 140                       | 60.1                      | 305.4                      | 11,900*                   | 60.8                      | 306.8                      | 13,800*                   | 61.9                      | 308.6                      | 13,900*                   | 63.0                      | 310.1                      | 14,000*                   | 140                       |
| 145                       | 58.8                      | 302.3                      | 11,700*                   | 59.5                      | 303.8                      | 13,600*                   | 60.6                      | 305.8                      | 13,700*                   | 61.7                      | 307.4                      | 13,800*                   | 145                       |
| 150                       | 57.4                      | 299.1                      | 11,600*                   | 58.2                      | 300.7                      | 13,500*                   | 59.3                      | 302.8                      | 13,500*                   | 60.4                      | 304.5                      | 13,600*                   | 150                       |
| 155                       | 56.0                      | 295.8                      | 11,400*                   | 56.8                      | 297.4                      | 13,100*                   | 57.9                      | 299.7                      | 13,400*                   | 59.0                      | 301.5                      | 13,400*                   | 155                       |
| 160                       | 54.7                      | 292.2                      | 11,200*                   | 55.4                      | 294.0                      | 13,000*                   | 56.6                      | 296.4                      | 13,100*                   | 57.7                      | 298.4                      | 13,200*                   | 160                       |
| 165                       | 53.2                      | 288.5                      | 11,000*                   | 54.0                      | 290.3                      | 12,800*                   | 55.2                      | 292.9                      | 12,900*                   | 56.3                      | 295.0                      | 13,000*                   | 165                       |
| 170                       | 51.8                      | 284.5                      | 10,900*                   | 52.6                      | 286.5                      | 12,600*                   | 53.8                      | 289.2                      | 12,700*                   | 54.9                      | 291.5                      | 12,800*                   | 170                       |
| 175                       | 50.3                      | 280.4                      | 10,800*                   | 51.1                      | 282.5                      | 12,400*                   | 52.4                      | 285.3                      | 12,500*                   | 53.5                      | 287.8                      | 12,700*                   | 175                       |
| 180                       | 48.8                      | 276.0                      | 10,600*                   | 49.7                      | 278.2                      | 12,300*                   | 50.9                      | 281.3                      | 12,300*                   | 52.1                      | 283.9                      | 12,400*                   | 180                       |
| 185                       | 47.3                      | 271.4                      | 10,400*                   | 48.1                      | 273.7                      | 12,200*                   | 49.4                      | 277.0                      | 12,200*                   | 50.6                      | 279.8                      | 12,200*                   | 185                       |
| 190                       | 45.7                      | 266.5                      | 10,300*                   | 46.6                      | 269.0                      | 12,000*                   | 47.9                      | 272.4                      | 12,000*                   | 49.1                      | 275.5                      | 12,100*                   | 190                       |
| 195                       | 44.1                      | 261.3                      | 10,100*                   | 45.0                      | 264.0                      | 11,700*                   | 46.3                      | 267.7                      | 11,800*                   | 47.6                      | 270.9                      | 11,700*                   | 195                       |
| 200                       | 42.4                      | 255.9                      | 10,000*                   | 43.3                      | 258.7                      | 11,600*                   | 44.7                      | 262.6                      | 11,700*                   | 46.0                      | 266.1                      | 11,100                    | 200                       |
| 205                       | 40.6                      | 250.0                      | 9,900*                    | 41.6                      | 253.1                      | 11,400*                   | 43.0                      | 257.3                      | 11,300                    | 44.4                      | 261.0                      | 10,400                    | 205                       |
| 210                       | 38.8                      | 243.9                      | 9,700*                    | 39.8                      | 247.1                      | 11,300*                   | 41.3                      | 251.6                      | 10,700                    | 42.7                      | 255.6                      | 9,800                     | 210                       |
| 215                       | 37.0                      | 237.3                      | 9,600*                    | 38.0                      | 240.8                      | 10,900*                   | 39.5                      | 245.6                      | 10,100                    | 41.0                      | 249.8                      | 9,200                     | 215                       |
| 220                       | 35.0                      | 230.2                      | 9,500*                    | 36.1                      | 234.0                      | 10,300                    | 37.7                      | 239.1                      | 9,500                     | 39.2                      | 243.7                      | 8,600                     | 220                       |
| 225                       | 32.9                      | 222.5                      | 9,400*                    | 34.1                      | 226.6                      | 9,700                     | 35.8                      | 232.2                      | 8,900                     | 37.4                      | 237.2                      | 8,100                     | 225                       |
| 230                       | 30.7                      | 214.2                      | 9,300*                    | 32.0                      | 218.7                      | 9,200                     | 33.7                      | 224.8                      | 8,400                     | 35.4                      | 230.2                      | 7,500                     | 230                       |
| 235                       | 28.4                      | 205.1                      | 9,200*                    | 29.7                      | 210.1                      | 8,600                     | 31.6                      | 216.8                      | 7,800                     | 33.4                      | 222.7                      | 7,000                     | 235                       |
| 240                       | 25.8                      | 195.0                      | 8,600                     | 27.3                      | 200.5                      | 8,100                     | 29.3                      | 208.0                      | 7,300                     | 31.2                      | 214.6                      | 6,600                     | 240                       |
| 245                       | 23.0                      | 183.6                      | 8,100                     | 24.6                      | 189.9                      | 7,600                     | 26.8                      | 198.3                      | 6,900                     | 28.9                      | 205.6                      | 6,100                     | 245                       |
| 250                       | 19.8                      | 170.3                      | 7,600                     | 21.6                      | 177.7                      | 7,100                     | 24.1                      | 187.4                      | 6,400                     | 26.4                      | 195.8                      | 5,700                     | 250                       |
| 255                       | 15.9                      | 153.9                      | 7,100                     | 18.2                      | 163.3                      | 6,700                     | 21.1                      | 175.0                      | 5,900                     | 23.6                      | 184.7                      | 5,200                     | 255                       |
| 260                       | 10.7                      | 131.4                      | 6,100*                    | 13.8                      | 144.9                      | 6,200                     | 17.5                      | 160.0                      | 5,500                     | 20.5                      | 171.8                      | 4,800                     | 260                       |
| 265                       |                           |                            |                           | 7.1                       | 115.6                      | 5,500*                    | 13.0                      | 140.6                      | 5,100                     | 16.8                      | 156.3                      | 4,400                     | 265                       |
| 270                       |                           |                            |                           |                           |                            |                           | 5.0                       | 105.9                      | 4,600                     | 12.0                      | 135.6                      | 4,000                     | 270                       |



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

New York City Code  
 Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82  
 184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 80 Ft. Boom, 180 Ft. Luffing Jib, 80 Ft. Fixed Jib

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | 80 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 85                        | 74.4                      | 340.2                      | 14,200*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 85                        |
| 90                        | 73.2                      | 338.6                      | 13,900*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 72.1                      | 337.0                      | 13,700*                   | 72.7                      | 337.7                      | 15,900*                   |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 70.9                      | 335.3                      | 13,500*                   | 71.6                      | 336.0                      | 15,600*                   |                           |                            |                           |                           |                            |                           | 100                       |
| 105                       | 69.8                      | 333.4                      | 13,300*                   | 70.4                      | 334.2                      | 15,400*                   |                           |                            |                           |                           |                            |                           | 105                       |
| 110                       | 68.6                      | 331.4                      | 13,100*                   | 69.3                      | 332.3                      | 15,100*                   |                           |                            |                           |                           |                            |                           | 110                       |
| 115                       | 67.4                      | 329.3                      | 12,900*                   | 68.1                      | 330.3                      | 14,900*                   | 69.1                      | 331.5                      | 15,000*                   |                           |                            |                           | 115                       |
| 120                       | 66.2                      | 327.1                      | 12,700*                   | 66.9                      | 328.1                      | 14,700*                   | 67.9                      | 329.4                      | 14,800*                   |                           |                            |                           | 120                       |
| 125                       | 65.0                      | 324.8                      | 12,500*                   | 65.7                      | 325.9                      | 14,500*                   | 66.7                      | 327.3                      | 14,600*                   |                           |                            |                           | 125                       |
| 130                       | 63.8                      | 322.3                      | 12,300*                   | 64.5                      | 323.5                      | 14,200*                   | 65.5                      | 325.0                      | 14,300*                   | 66.5                      | 326.1                      | 14,400*                   | 130                       |
| 135                       | 62.6                      | 319.7                      | 12,100*                   | 63.3                      | 320.9                      | 14,000*                   | 64.3                      | 322.5                      | 14,100*                   | 65.3                      | 323.8                      | 14,200*                   | 135                       |
| 140                       | 61.3                      | 316.9                      | 11,900*                   | 62.0                      | 318.3                      | 13,800*                   | 63.1                      | 320.0                      | 14,000*                   | 64.1                      | 321.4                      | 14,000*                   | 140                       |
| 145                       | 60.1                      | 314.1                      | 11,700*                   | 60.8                      | 315.5                      | 13,500*                   | 61.8                      | 317.3                      | 13,700*                   | 62.8                      | 318.8                      | 13,700*                   | 145                       |
| 150                       | 58.8                      | 311.0                      | 11,500*                   | 59.5                      | 312.5                      | 13,300*                   | 60.6                      | 314.5                      | 13,500*                   | 61.6                      | 316.1                      | 13,500*                   | 150                       |
| 155                       | 57.5                      | 307.8                      | 11,300*                   | 58.2                      | 309.4                      | 13,200*                   | 59.3                      | 311.5                      | 13,200*                   | 60.4                      | 313.2                      | 13,400*                   | 155                       |
| 160                       | 56.2                      | 304.5                      | 11,200*                   | 56.9                      | 306.1                      | 12,900*                   | 58.0                      | 308.3                      | 13,100*                   | 59.1                      | 310.2                      | 13,100*                   | 160                       |
| 165                       | 54.9                      | 300.9                      | 11,100*                   | 55.6                      | 302.7                      | 12,800*                   | 56.7                      | 305.0                      | 12,800*                   | 57.8                      | 307.0                      | 12,900*                   | 165                       |
| 170                       | 53.5                      | 297.2                      | 10,800*                   | 54.3                      | 299.1                      | 12,600*                   | 55.4                      | 301.6                      | 12,700*                   | 56.5                      | 303.7                      | 12,800*                   | 170                       |
| 175                       | 52.1                      | 293.3                      | 10,700*                   | 52.9                      | 295.3                      | 12,300*                   | 54.0                      | 297.9                      | 12,600*                   | 55.1                      | 300.2                      | 12,500*                   | 175                       |
| 180                       | 50.7                      | 289.2                      | 10,600*                   | 51.5                      | 291.3                      | 12,200*                   | 52.7                      | 294.1                      | 12,300*                   | 53.8                      | 296.5                      | 12,400*                   | 180                       |
| 185                       | 49.3                      | 284.9                      | 10,400*                   | 50.1                      | 287.1                      | 12,000*                   | 51.3                      | 290.1                      | 12,100*                   | 52.4                      | 292.7                      | 12,300*                   | 185                       |
| 190                       | 47.8                      | 280.4                      | 10,200*                   | 48.6                      | 282.7                      | 11,900*                   | 49.8                      | 285.9                      | 11,900*                   | 51.0                      | 288.6                      | 11,900                    | 190                       |
| 195                       | 46.3                      | 275.6                      | 10,100*                   | 47.1                      | 278.1                      | 11,700*                   | 48.4                      | 281.4                      | 11,800*                   | 49.6                      | 284.4                      | 11,100                    | 195                       |
| 200                       | 44.7                      | 270.6                      | 10,100*                   | 45.6                      | 273.2                      | 11,500*                   | 46.9                      | 276.7                      | 11,400                    | 48.1                      | 279.9                      | 10,500                    | 200                       |
| 205                       | 43.2                      | 265.2                      | 9,900*                    | 44.0                      | 268.0                      | 11,200*                   | 45.4                      | 271.8                      | 10,700                    | 46.6                      | 275.2                      | 9,800                     | 205                       |
| 210                       | 41.5                      | 259.6                      | 9,700*                    | 42.4                      | 262.6                      | 10,900*                   | 43.8                      | 266.6                      | 10,100                    | 45.1                      | 270.2                      | 9,200                     | 210                       |
| 215                       | 39.8                      | 253.6                      | 9,600*                    | 40.8                      | 256.8                      | 10,400                    | 42.2                      | 261.1                      | 9,500                     | 43.5                      | 264.9                      | 8,600                     | 215                       |
| 220                       | 38.0                      | 247.3                      | 9,500*                    | 39.0                      | 250.6                      | 9,800                     | 40.5                      | 255.2                      | 8,900                     | 41.9                      | 259.4                      | 8,000                     | 220                       |
| 225                       | 36.2                      | 240.5                      | 9,400*                    | 37.2                      | 244.1                      | 9,200                     | 38.7                      | 249.0                      | 8,300                     | 40.2                      | 253.5                      | 7,500                     | 225                       |
| 230                       | 34.3                      | 233.2                      | 9,200*                    | 35.4                      | 237.1                      | 8,600                     | 36.9                      | 242.4                      | 7,800                     | 38.4                      | 247.2                      | 7,000                     | 230                       |
| 235                       | 32.3                      | 225.4                      | 8,600                     | 33.4                      | 229.6                      | 8,100                     | 35.0                      | 235.4                      | 7,300                     | 36.6                      | 240.5                      | 6,500                     | 235                       |
| 240                       | 30.1                      | 216.9                      | 8,100                     | 31.3                      | 221.5                      | 7,600                     | 33.1                      | 227.7                      | 6,800                     | 34.7                      | 233.3                      | 6,000                     | 240                       |
| 245                       | 27.8                      | 207.5                      | 7,600                     | 29.1                      | 212.6                      | 7,100                     | 31.0                      | 219.5                      | 6,300                     | 32.7                      | 225.6                      | 5,500                     | 245                       |
| 250                       | 25.3                      | 197.2                      | 7,100                     | 26.7                      | 202.9                      | 6,600                     | 28.7                      | 210.5                      | 5,800                     | 30.6                      | 217.3                      | 5,100                     | 250                       |
| 255                       | 22.5                      | 185.5                      | 6,600                     | 24.1                      | 192.0                      | 6,100                     | 26.3                      | 200.6                      | 5,400                     | 28.3                      | 208.1                      | 4,700                     | 255                       |
| 260                       | 19.4                      | 171.9                      | 6,200                     | 21.2                      | 179.5                      | 5,700                     | 23.6                      | 189.5                      | 5,000                     | 25.8                      | 198.0                      | 4,200                     | 260                       |
| 265                       | 15.6                      | 155.3                      | 5,700                     | 17.8                      | 164.8                      | 5,200                     | 20.6                      | 176.7                      | 4,500                     |                           |                            |                           | 265                       |
| 270                       | 10.4                      | 132.2                      | 4,800*                    | 13.5                      | 146.0                      | 4,800                     | 17.1                      | 161.5                      | 4,100                     |                           |                            |                           | 270                       |
| 275                       |                           |                            |                           | 6.9                       | 116.1                      | 4,200*                    |                           |                            |                           |                           |                            |                           | 275                       |



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

New York City Code  
 Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82  
 184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 80 Ft. Boom, 190 Ft. Luffing Jib, 80 Ft. Fixed Jib

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | 80 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 85                        | 75.0                      | 350.6                      | 14,000*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 85                        |
| 90                        | 73.9                      | 349.1                      | 13,800*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 72.8                      | 347.5                      | 13,600*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 71.7                      | 345.9                      | 13,400*                   | 72.3                      | 346.6                      | 15,500*                   |                           |                            |                           |                           |                            |                           | 100                       |
| 105                       | 70.6                      | 344.1                      | 13,200*                   | 71.2                      | 344.9                      | 15,300*                   |                           |                            |                           |                           |                            |                           | 105                       |
| 110                       | 69.4                      | 342.2                      | 13,000*                   | 70.1                      | 343.0                      | 15,000*                   |                           |                            |                           |                           |                            |                           | 110                       |
| 115                       | 68.3                      | 340.2                      | 12,800*                   | 68.9                      | 341.1                      | 14,800*                   | 69.9                      | 342.2                      | 14,900*                   |                           |                            |                           | 115                       |
| 120                       | 67.2                      | 338.1                      | 12,600*                   | 67.8                      | 339.0                      | 14,600*                   | 68.7                      | 340.2                      | 14,600*                   |                           |                            |                           | 120                       |
| 125                       | 66.0                      | 335.8                      | 12,400*                   | 66.7                      | 336.9                      | 14,400*                   | 67.6                      | 338.2                      | 14,400*                   |                           |                            |                           | 125                       |
| 130                       | 64.8                      | 333.5                      | 12,200*                   | 65.5                      | 334.6                      | 14,100*                   | 66.5                      | 336.0                      | 14,300*                   |                           |                            |                           | 130                       |
| 135                       | 63.7                      | 331.0                      | 12,000*                   | 64.3                      | 332.2                      | 13,900*                   | 65.3                      | 333.7                      | 14,000*                   | 66.3                      | 334.8                      | 14,100*                   | 135                       |
| 140                       | 62.5                      | 328.4                      | 11,800*                   | 63.2                      | 329.6                      | 13,700*                   | 64.1                      | 331.2                      | 13,800*                   | 65.1                      | 332.5                      | 13,800*                   | 140                       |
| 145                       | 61.3                      | 325.6                      | 11,600*                   | 62.0                      | 326.9                      | 13,500*                   | 63.0                      | 328.6                      | 13,700*                   | 63.9                      | 330.0                      | 13,600*                   | 145                       |
| 150                       | 60.1                      | 322.7                      | 11,500*                   | 60.8                      | 324.1                      | 13,300*                   | 61.8                      | 326.0                      | 13,400*                   | 62.7                      | 327.5                      | 13,500*                   | 150                       |
| 155                       | 58.8                      | 319.7                      | 11,300*                   | 59.5                      | 321.2                      | 13,100*                   | 60.6                      | 323.1                      | 13,200*                   | 61.5                      | 324.7                      | 13,400*                   | 155                       |
| 160                       | 57.6                      | 316.5                      | 11,100*                   | 58.3                      | 318.1                      | 12,900*                   | 59.3                      | 320.1                      | 13,000*                   | 60.3                      | 321.9                      | 13,100*                   | 160                       |
| 165                       | 56.3                      | 313.2                      | 11,100*                   | 57.0                      | 314.8                      | 12,700*                   | 58.1                      | 317.0                      | 12,800*                   | 59.1                      | 318.9                      | 12,900*                   | 165                       |
| 170                       | 55.1                      | 309.7                      | 10,800*                   | 55.8                      | 311.4                      | 12,500*                   | 56.8                      | 313.7                      | 12,700*                   | 57.9                      | 315.7                      | 12,700*                   | 170                       |
| 175                       | 53.8                      | 306.0                      | 10,700*                   | 54.5                      | 307.8                      | 12,500*                   | 55.6                      | 310.3                      | 12,500*                   | 56.6                      | 312.4                      | 12,500*                   | 175                       |
| 180                       | 52.4                      | 302.1                      | 10,500*                   | 53.2                      | 304.1                      | 12,200*                   | 54.3                      | 306.7                      | 12,300*                   | 55.3                      | 308.9                      | 12,500*                   | 180                       |
| 185                       | 51.1                      | 298.1                      | 10,500*                   | 51.8                      | 300.1                      | 12,000*                   | 52.9                      | 302.9                      | 12,200*                   | 54.0                      | 305.3                      | 12,200*                   | 185                       |
| 190                       | 49.7                      | 293.8                      | 10,300*                   | 50.5                      | 296.0                      | 12,000*                   | 51.6                      | 298.9                      | 11,900*                   | 52.7                      | 301.5                      | 11,400                    | 190                       |
| 195                       | 48.3                      | 289.4                      | 10,200*                   | 49.1                      | 291.7                      | 11,700*                   | 50.2                      | 294.8                      | 11,700                    | 51.4                      | 297.5                      | 10,700                    | 195                       |
| 200                       | 46.9                      | 284.7                      | 10,000*                   | 47.7                      | 287.1                      | 11,600*                   | 48.8                      | 290.4                      | 11,000                    | 50.0                      | 293.3                      | 10,000                    | 200                       |
| 205                       | 45.4                      | 279.8                      | 9,800*                    | 46.2                      | 282.3                      | 11,300                    | 47.4                      | 285.8                      | 10,300                    | 48.6                      | 288.9                      | 9,400                     | 205                       |
| 210                       | 43.9                      | 274.6                      | 9,700*                    | 44.7                      | 277.3                      | 10,600                    | 46.0                      | 281.0                      | 9,700                     | 47.2                      | 284.2                      | 8,700                     | 210                       |
| 215                       | 42.3                      | 269.1                      | 9,600*                    | 43.2                      | 271.9                      | 9,900                     | 44.5                      | 275.9                      | 9,000                     | 45.7                      | 279.4                      | 8,100                     | 215                       |
| 220                       | 40.7                      | 263.3                      | 9,500*                    | 41.6                      | 266.3                      | 9,300                     | 42.9                      | 270.5                      | 8,500                     | 44.2                      | 274.2                      | 7,600                     | 220                       |
| 225                       | 39.0                      | 257.1                      | 9,400*                    | 40.0                      | 260.4                      | 8,700                     | 41.3                      | 264.8                      | 7,900                     | 42.6                      | 268.8                      | 7,000                     | 225                       |
| 230                       | 37.3                      | 250.6                      | 8,800                     | 38.3                      | 254.1                      | 8,200                     | 39.7                      | 258.8                      | 7,400                     | 41.0                      | 263.1                      | 6,500                     | 230                       |
| 235                       | 35.5                      | 243.6                      | 8,300                     | 36.5                      | 247.4                      | 7,700                     | 38.0                      | 252.5                      | 6,800                     | 39.4                      | 257.0                      | 6,000                     | 235                       |
| 240                       | 33.6                      | 236.2                      | 7,700                     | 34.7                      | 240.2                      | 7,100                     | 36.2                      | 245.7                      | 6,300                     | 37.7                      | 250.6                      | 5,600                     | 240                       |
| 245                       | 31.6                      | 228.2                      | 7,200                     | 32.8                      | 232.5                      | 6,700                     | 34.4                      | 238.4                      | 5,900                     | 35.9                      | 243.7                      | 5,100                     | 245                       |
| 250                       | 29.5                      | 219.4                      | 6,700                     | 30.7                      | 224.2                      | 6,200                     | 32.4                      | 230.6                      | 5,400                     | 34.0                      | 236.3                      | 4,700                     | 250                       |
| 255                       | 27.3                      | 209.9                      | 6,300                     | 28.5                      | 215.1                      | 5,700                     | 30.4                      | 222.2                      | 5,000                     | 32.1                      | 228.4                      | 4,200                     | 255                       |
| 260                       | 24.8                      | 199.3                      | 5,800                     | 26.2                      | 205.1                      | 5,300                     | 28.2                      | 213.0                      | 4,600                     |                           |                            |                           | 260                       |
| 265                       | 22.1                      | 187.4                      | 5,400                     | 23.6                      | 194.0                      | 4,900                     | 25.8                      | 202.8                      | 4,100                     |                           |                            |                           | 265                       |
| 270                       | 19.0                      | 173.5                      | 5,000                     | 20.8                      | 181.3                      | 4,400                     |                           |                            |                           |                           |                            |                           | 270                       |
| 275                       | 15.3                      | 156.5                      | 4,500                     | 17.4                      | 166.3                      | 4,000                     |                           |                            |                           |                           |                            |                           | 275                       |



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

New York City Code  
 Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82

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

184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

### 80 Ft. Boom, 200 Ft. Luffing Jib, 80 Ft. Fixed Jib

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | 80 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 90                        | 74.5                      | 359.5                      | 13,600*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 73.4                      | 358.0                      | 13,400*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 72.3                      | 356.4                      | 13,200*                   | 72.9                      | 357.1                      | 15,300*                   |                           |                            |                           |                           |                            |                           | 100                       |
| 105                       | 71.3                      | 354.7                      | 13,000*                   | 71.9                      | 355.5                      | 15,100*                   |                           |                            |                           |                           |                            |                           | 105                       |
| 110                       | 70.2                      | 352.9                      | 12,800*                   | 70.8                      | 353.7                      | 14,800*                   |                           |                            |                           |                           |                            |                           | 110                       |
| 115                       | 69.1                      | 351.0                      | 12,600*                   | 69.7                      | 351.8                      | 14,600*                   |                           |                            |                           |                           |                            |                           | 115                       |
| 120                       | 68.0                      | 348.9                      | 12,500*                   | 68.6                      | 349.9                      | 14,400*                   | 69.5                      | 351.0                      | 14,500*                   |                           |                            |                           | 120                       |
| 125                       | 66.9                      | 346.8                      | 12,300*                   | 67.5                      | 347.8                      | 14,200*                   | 68.4                      | 349.0                      | 14,300*                   |                           |                            |                           | 125                       |
| 130                       | 65.8                      | 344.5                      | 12,100*                   | 66.4                      | 345.6                      | 14,000*                   | 67.3                      | 346.9                      | 14,100*                   |                           |                            |                           | 130                       |
| 135                       | 64.7                      | 342.2                      | 11,900*                   | 65.3                      | 343.3                      | 13,900*                   | 66.2                      | 344.7                      | 13,900*                   |                           |                            |                           | 135                       |
| 140                       | 63.5                      | 339.7                      | 11,700*                   | 64.2                      | 340.8                      | 13,600*                   | 65.1                      | 342.4                      | 13,700*                   | 66.0                      | 343.5                      | 13,800*                   | 140                       |
| 145                       | 62.4                      | 337.0                      | 11,600*                   | 63.0                      | 338.3                      | 13,400*                   | 64.0                      | 339.9                      | 13,500*                   | 64.9                      | 341.2                      | 13,500*                   | 145                       |
| 150                       | 61.2                      | 334.3                      | 11,400*                   | 61.9                      | 335.6                      | 13,200*                   | 62.8                      | 337.3                      | 13,300*                   | 63.8                      | 338.7                      | 13,300*                   | 150                       |
| 155                       | 60.1                      | 331.4                      | 11,200*                   | 60.7                      | 332.8                      | 13,000*                   | 61.7                      | 334.6                      | 13,100*                   | 62.6                      | 336.1                      | 13,100*                   | 155                       |
| 160                       | 58.9                      | 328.3                      | 11,200*                   | 59.6                      | 329.8                      | 12,900*                   | 60.5                      | 331.8                      | 12,900*                   | 61.5                      | 333.4                      | 13,000*                   | 160                       |
| 165                       | 57.7                      | 325.2                      | 11,000*                   | 58.4                      | 326.7                      | 12,700*                   | 59.4                      | 328.8                      | 12,700*                   | 60.3                      | 330.5                      | 12,800*                   | 165                       |
| 170                       | 56.5                      | 321.8                      | 10,900*                   | 57.2                      | 323.5                      | 12,500*                   | 58.2                      | 325.7                      | 12,700*                   | 59.1                      | 327.5                      | 12,600*                   | 170                       |
| 175                       | 55.2                      | 318.4                      | 10,600*                   | 55.9                      | 320.1                      | 12,400*                   | 56.9                      | 322.4                      | 12,400*                   | 57.9                      | 324.4                      | 12,500*                   | 175                       |
| 180                       | 54.0                      | 314.7                      | 10,600*                   | 54.7                      | 316.6                      | 12,100*                   | 55.7                      | 319.0                      | 12,300*                   | 56.7                      | 321.1                      | 12,400*                   | 180                       |
| 185                       | 52.7                      | 310.9                      | 10,400*                   | 53.4                      | 312.8                      | 12,000*                   | 54.5                      | 315.4                      | 12,200*                   | 55.5                      | 317.6                      | 11,700                    | 185                       |
| 190                       | 51.4                      | 306.9                      | 10,300*                   | 52.1                      | 308.9                      | 11,800*                   | 53.2                      | 311.7                      | 11,900                    | 54.3                      | 314.0                      | 10,900                    | 190                       |
| 195                       | 50.1                      | 302.7                      | 10,100*                   | 50.8                      | 304.9                      | 11,800*                   | 51.9                      | 307.7                      | 11,200                    | 53.0                      | 310.3                      | 10,200                    | 195                       |
| 200                       | 48.7                      | 298.3                      | 9,900*                    | 49.5                      | 300.6                      | 11,500*                   | 50.6                      | 303.6                      | 10,500                    | 51.7                      | 306.3                      | 9,500                     | 200                       |
| 205                       | 47.4                      | 293.7                      | 9,800*                    | 48.1                      | 296.1                      | 10,700                    | 49.3                      | 299.3                      | 9,800                     | 50.4                      | 302.2                      | 8,800                     | 205                       |
| 210                       | 46.0                      | 288.9                      | 9,700*                    | 46.7                      | 291.4                      | 10,100                    | 47.9                      | 294.8                      | 9,100                     | 49.0                      | 297.8                      | 8,200                     | 210                       |
| 215                       | 44.5                      | 283.8                      | 9,600*                    | 45.3                      | 286.5                      | 9,400                     | 46.5                      | 290.1                      | 8,500                     | 47.7                      | 293.3                      | 7,600                     | 215                       |
| 220                       | 43.0                      | 278.5                      | 9,400*                    | 43.9                      | 281.3                      | 8,800                     | 45.1                      | 285.1                      | 7,900                     | 46.3                      | 288.5                      | 7,000                     | 220                       |
| 225                       | 41.5                      | 272.8                      | 8,800                     | 42.4                      | 275.8                      | 8,200                     | 43.6                      | 279.8                      | 7,400                     | 44.8                      | 283.4                      | 6,500                     | 225                       |
| 230                       | 39.9                      | 266.9                      | 8,300                     | 40.8                      | 270.0                      | 7,700                     | 42.1                      | 274.3                      | 6,800                     | 43.4                      | 278.2                      | 6,000                     | 230                       |
| 235                       | 38.3                      | 260.6                      | 7,700                     | 39.2                      | 263.9                      | 7,200                     | 40.5                      | 268.5                      | 6,300                     | 41.8                      | 272.6                      | 5,500                     | 235                       |
| 240                       | 36.6                      | 253.9                      | 7,200                     | 37.6                      | 257.4                      | 6,600                     | 38.9                      | 262.3                      | 5,800                     | 40.3                      | 266.7                      | 5,000                     | 240                       |
| 245                       | 34.8                      | 246.7                      | 6,700                     | 35.8                      | 250.6                      | 6,200                     | 37.3                      | 255.8                      | 5,400                     | 38.7                      | 260.5                      | 4,600                     | 245                       |
| 250                       | 33.0                      | 239.1                      | 6,200                     | 34.0                      | 243.2                      | 5,700                     | 35.5                      | 248.8                      | 4,900                     | 37.0                      | 253.9                      | 4,100                     | 250                       |
| 255                       | 31.0                      | 230.9                      | 5,700                     | 32.1                      | 235.3                      | 5,200                     | 33.7                      | 241.4                      | 4,500                     |                           |                            |                           | 255                       |
| 260                       | 29.0                      | 222.0                      | 5,300                     | 30.1                      | 226.8                      | 4,800                     | 31.8                      | 233.4                      | 4,100                     |                           |                            |                           | 260                       |
| 265                       | 26.8                      | 212.2                      | 4,900                     | 28.0                      | 217.6                      | 4,400                     |                           |                            |                           |                           |                            |                           | 265                       |
| 270                       | 24.3                      | 201.5                      | 4,400                     | 25.7                      | 207.4                      | 4,000                     |                           |                            |                           |                           |                            |                           | 270                       |
| 275                       | 21.7                      | 189.3                      | 4,000                     |                           |                            |                           |                           |                            |                           |                           |                            |                           | 275                       |



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

New York City Code  
Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

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

### 80 Ft. Boom, 210 Ft. Luffing Jib, 80 Ft. Fixed Jib

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | 80 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 95                        | 74.0                      | 368.5                      | 13,200*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 73.0                      | 366.9                      | 13,000*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 100                       |
| 105                       | 71.9                      | 365.3                      | 12,900*                   | 72.5                      | 366.0                      | 14,900*                   |                           |                            |                           |                           |                            |                           | 105                       |
| 110                       | 70.9                      | 363.6                      | 12,600*                   | 71.5                      | 364.3                      | 14,600*                   |                           |                            |                           |                           |                            |                           | 110                       |
| 115                       | 69.9                      | 361.7                      | 12,500*                   | 70.4                      | 362.5                      | 14,400*                   |                           |                            |                           |                           |                            |                           | 115                       |
| 120                       | 68.8                      | 359.7                      | 12,300*                   | 69.4                      | 360.6                      | 14,200*                   |                           |                            |                           |                           |                            |                           | 120                       |
| 125                       | 67.7                      | 357.7                      | 12,100*                   | 68.3                      | 358.6                      | 14,000*                   | 69.2                      | 359.8                      | 14,100*                   |                           |                            |                           | 125                       |
| 130                       | 66.7                      | 355.5                      | 12,000*                   | 67.3                      | 356.5                      | 13,800*                   | 68.2                      | 357.8                      | 14,000*                   |                           |                            |                           | 130                       |
| 135                       | 65.6                      | 353.2                      | 11,800*                   | 66.2                      | 354.3                      | 13,700*                   | 67.1                      | 355.6                      | 13,700*                   |                           |                            |                           | 135                       |
| 140                       | 64.5                      | 350.8                      | 11,700*                   | 65.1                      | 352.0                      | 13,500*                   | 66.0                      | 353.4                      | 13,500*                   | 66.9                      | 354.5                      | 13,600*                   | 140                       |
| 145                       | 63.4                      | 348.3                      | 11,500*                   | 64.0                      | 349.5                      | 13,300*                   | 64.9                      | 351.0                      | 13,400*                   | 65.8                      | 352.3                      | 13,500*                   | 145                       |
| 150                       | 62.3                      | 345.7                      | 11,300*                   | 62.9                      | 346.9                      | 13,100*                   | 63.9                      | 348.6                      | 13,200*                   | 64.8                      | 349.9                      | 13,300*                   | 150                       |
| 155                       | 61.2                      | 342.9                      | 11,200*                   | 61.8                      | 344.3                      | 12,900*                   | 62.8                      | 346.0                      | 13,100*                   | 63.7                      | 347.4                      | 13,000*                   | 155                       |
| 160                       | 60.1                      | 340.0                      | 11,100*                   | 60.7                      | 341.4                      | 12,700*                   | 61.6                      | 343.3                      | 12,800*                   | 62.6                      | 344.8                      | 13,000*                   | 160                       |
| 165                       | 58.9                      | 337.0                      | 10,900*                   | 59.6                      | 338.5                      | 12,600*                   | 60.5                      | 340.4                      | 12,700*                   | 61.4                      | 342.0                      | 12,700*                   | 165                       |
| 170                       | 57.8                      | 333.8                      | 10,700*                   | 58.4                      | 335.4                      | 12,400*                   | 59.4                      | 337.5                      | 12,500*                   | 60.3                      | 339.2                      | 12,500*                   | 170                       |
| 175                       | 56.6                      | 330.5                      | 10,700*                   | 57.3                      | 332.2                      | 12,200*                   | 58.2                      | 334.4                      | 12,400*                   | 59.2                      | 336.2                      | 12,400*                   | 175                       |
| 180                       | 55.4                      | 327.1                      | 10,400*                   | 56.1                      | 328.8                      | 12,100*                   | 57.1                      | 331.1                      | 12,300*                   | 58.0                      | 333.1                      | 11,900                    | 180                       |
| 185                       | 54.2                      | 323.5                      | 10,300*                   | 54.9                      | 325.3                      | 12,000*                   | 55.9                      | 327.7                      | 12,100*                   | 56.8                      | 329.8                      | 11,100                    | 185                       |
| 190                       | 53.0                      | 319.7                      | 10,200*                   | 53.7                      | 321.6                      | 11,800*                   | 54.7                      | 324.1                      | 11,400                    | 55.7                      | 326.4                      | 10,400                    | 190                       |
| 195                       | 51.7                      | 315.7                      | 10,000*                   | 52.4                      | 317.7                      | 11,700*                   | 53.5                      | 320.4                      | 10,700                    | 54.5                      | 322.8                      | 9,600                     | 195                       |
| 200                       | 50.5                      | 311.6                      | 9,900*                    | 51.2                      | 313.7                      | 10,900                    | 52.2                      | 316.5                      | 9,900                     | 53.2                      | 319.0                      | 9,000                     | 200                       |
| 205                       | 49.2                      | 307.3                      | 9,800*                    | 49.9                      | 309.5                      | 10,200                    | 51.0                      | 312.5                      | 9,300                     | 52.0                      | 315.1                      | 8,300                     | 205                       |
| 210                       | 47.8                      | 302.7                      | 9,700*                    | 48.6                      | 305.1                      | 9,600                     | 49.7                      | 308.2                      | 8,600                     | 50.7                      | 311.0                      | 7,700                     | 210                       |
| 215                       | 46.5                      | 298.0                      | 9,600*                    | 47.2                      | 300.4                      | 8,900                     | 48.4                      | 303.8                      | 8,000                     | 49.4                      | 306.7                      | 7,100                     | 215                       |
| 220                       | 45.1                      | 293.0                      | 8,900                     | 45.9                      | 295.6                      | 8,300                     | 47.0                      | 299.1                      | 7,400                     | 48.1                      | 302.3                      | 6,500                     | 220                       |
| 225                       | 43.7                      | 287.8                      | 8,300                     | 44.5                      | 290.5                      | 7,700                     | 45.7                      | 294.2                      | 6,900                     | 46.8                      | 297.6                      | 6,000                     | 225                       |
| 230                       | 42.2                      | 282.3                      | 7,800                     | 43.1                      | 285.2                      | 7,200                     | 44.3                      | 289.1                      | 6,300                     | 45.4                      | 292.6                      | 5,500                     | 230                       |
| 235                       | 40.7                      | 276.5                      | 7,200                     | 41.6                      | 279.6                      | 6,700                     | 42.8                      | 283.7                      | 5,800                     | 44.0                      | 287.5                      | 5,000                     | 235                       |
| 240                       | 39.2                      | 270.4                      | 6,700                     | 40.1                      | 273.6                      | 6,200                     | 41.3                      | 278.1                      | 5,300                     | 42.6                      | 282.0                      | 4,500                     | 240                       |
| 245                       | 37.6                      | 263.9                      | 6,200                     | 38.5                      | 267.4                      | 5,700                     | 39.8                      | 272.1                      | 4,900                     | 41.1                      | 276.3                      | 4,100                     | 245                       |
| 250                       | 35.9                      | 257.1                      | 5,700                     | 36.9                      | 260.7                      | 5,200                     | 38.2                      | 265.8                      | 4,400                     |                           |                            |                           | 250                       |
| 255                       | 34.2                      | 249.8                      | 5,300                     | 35.2                      | 253.7                      | 4,700                     | 36.6                      | 259.1                      | 4,000                     |                           |                            |                           | 255                       |
| 260                       | 32.4                      | 242.0                      | 4,800                     | 33.4                      | 246.2                      | 4,300                     |                           |                            |                           |                           |                            |                           | 260                       |
| 265                       | 30.5                      | 233.6                      | 4,400                     |                           |                            |                           |                           |                            |                           |                           |                            |                           | 265                       |
| 270                       | 28.5                      | 224.5                      | 4,000                     |                           |                            |                           |                           |                            |                           |                           |                            |                           | 270                       |



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

New York City Code  
 Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82  
 184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

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

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | 80 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 70                        | 73.8                      | 322.1                      | 40,600*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 70                        |
| 75                        | 72.3                      | 320.5                      | 40,300*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 75                        |
| 80                        | 70.8                      | 318.8                      | 40,100*                   | 72.1                      | 320.0                      | 46,900*                   |                           |                            |                           |                           |                            |                           | 80                        |
| 85                        | 69.3                      | 316.9                      | 39,700*                   | 70.6                      | 318.2                      | 46,700*                   |                           |                            |                           |                           |                            |                           | 85                        |
| 90                        | 67.8                      | 314.9                      | 39,200*                   | 69.1                      | 316.3                      | 46,300*                   |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 66.3                      | 312.7                      | 38,200*                   | 67.6                      | 314.3                      | 44,400*                   | 69.5                      | 316.1                      | 41,700                    |                           |                            |                           | 95                        |
| 100                       | 64.7                      | 310.4                      | 36,300*                   | 66.0                      | 312.1                      | 41,500                    | 67.9                      | 314.1                      | 38,600                    |                           |                            |                           | 100                       |
| 105                       | 63.1                      | 307.9                      | 34,400*                   | 64.5                      | 309.7                      | 38,600                    | 66.4                      | 311.9                      | 35,800                    |                           |                            |                           | 105                       |
| 110                       | 61.5                      | 305.2                      | 32,600*                   | 62.9                      | 307.1                      | 35,900                    | 64.8                      | 309.6                      | 33,200                    | 66.8                      | 311.4                      | 30,600                    | 110                       |
| 115                       | 59.9                      | 302.3                      | 30,900*                   | 61.3                      | 304.4                      | 33,500                    | 63.3                      | 307.1                      | 30,900                    | 65.2                      | 309.1                      | 28,400                    | 115                       |
| 120                       | 58.2                      | 299.2                      | 29,200*                   | 59.6                      | 301.5                      | 31,300                    | 61.7                      | 304.4                      | 28,900                    | 63.6                      | 306.6                      | 26,400                    | 120                       |
| 125                       | 56.6                      | 296.0                      | 27,600*                   | 58.0                      | 298.4                      | 29,300                    | 60.0                      | 301.5                      | 27,000                    | 62.0                      | 304.0                      | 24,700                    | 125                       |
| 130                       | 54.8                      | 292.5                      | 26,100*                   | 56.3                      | 295.1                      | 27,500                    | 58.4                      | 298.5                      | 25,200                    | 60.4                      | 301.2                      | 23,000                    | 130                       |
| 135                       | 53.1                      | 288.7                      | 24,600*                   | 54.5                      | 291.6                      | 25,800                    | 56.7                      | 295.2                      | 23,600                    | 58.8                      | 298.2                      | 21,500                    | 135                       |
| 140                       | 51.3                      | 284.8                      | 23,200*                   | 52.8                      | 287.8                      | 24,200                    | 55.0                      | 291.7                      | 22,100                    | 57.1                      | 295.0                      | 20,100                    | 140                       |
| 145                       | 49.4                      | 280.5                      | 22,000*                   | 51.0                      | 283.8                      | 22,700                    | 53.2                      | 288.0                      | 20,800                    | 55.4                      | 291.6                      | 18,800                    | 145                       |
| 150                       | 47.5                      | 276.0                      | 20,800*                   | 49.1                      | 279.5                      | 21,400                    | 51.4                      | 284.1                      | 19,500                    | 53.6                      | 287.9                      | 17,600                    | 150                       |
| 155                       | 45.5                      | 271.2                      | 19,600*                   | 47.2                      | 274.9                      | 20,100                    | 49.6                      | 279.9                      | 18,300                    | 51.8                      | 284.0                      | 16,500                    | 155                       |
| 160                       | 43.5                      | 266.0                      | 18,600*                   | 45.2                      | 270.0                      | 19,000                    | 47.7                      | 275.4                      | 17,200                    | 50.0                      | 279.9                      | 15,400                    | 160                       |
| 165                       | 41.4                      | 260.4                      | 17,600*                   | 43.2                      | 264.8                      | 17,900                    | 45.7                      | 270.6                      | 16,100                    | 48.1                      | 275.4                      | 14,400                    | 165                       |
| 170                       | 39.2                      | 254.3                      | 16,700*                   | 41.0                      | 259.1                      | 16,800                    | 43.7                      | 265.4                      | 15,200                    | 46.2                      | 270.7                      | 13,500                    | 170                       |
| 175                       | 36.8                      | 247.8                      | 15,800*                   | 38.8                      | 253.0                      | 15,800                    | 41.6                      | 259.8                      | 14,200                    | 44.2                      | 265.6                      | 12,600                    | 175                       |
| 180                       | 34.4                      | 240.7                      | 15,100*                   | 36.4                      | 246.4                      | 14,900                    | 39.4                      | 253.9                      | 13,400                    | 42.1                      | 260.2                      | 11,800                    | 180                       |
| 185                       | 31.7                      | 232.8                      | 14,300*                   | 34.0                      | 239.1                      | 14,000                    | 37.0                      | 247.4                      | 12,500                    | 39.9                      | 254.3                      | 11,000                    | 185                       |
| 190                       | 28.9                      | 224.0                      | 13,700*                   | 31.3                      | 231.1                      | 13,200                    | 34.6                      | 240.3                      | 11,800                    | 37.6                      | 247.9                      | 10,300                    | 190                       |
| 195                       | 25.7                      | 214.1                      | 13,100*                   | 28.4                      | 222.2                      | 12,400                    | 32.0                      | 232.5                      | 11,000                    | 35.2                      | 241.0                      | 9,600                     | 195                       |
| 200                       | 22.2                      | 202.5                      | 12,600*                   | 25.2                      | 212.0                      | 11,700                    | 29.1                      | 223.8                      | 10,300                    | 32.6                      | 233.4                      | 8,900                     | 200                       |
| 205                       | 17.9                      | 188.3                      | 11,800                    | 21.5                      | 200.1                      | 11,000                    | 26.0                      | 214.0                      | 9,600                     | 29.8                      | 224.9                      | 8,300                     | 205                       |
| 210                       | 12.3                      | 169.0                      | 11,100                    | 17.1                      | 185.3                      | 10,300                    | 22.5                      | 202.5                      | 9,000                     | 26.8                      | 215.4                      | 7,700                     | 210                       |
| 215                       |                           |                            |                           | 11.1                      | 164.5                      | 9,600                     | 18.3                      | 188.6                      | 8,300                     | 23.4                      | 204.4                      | 7,100                     | 215                       |
| 220                       |                           |                            |                           |                           |                            |                           | 12.8                      | 169.9                      | 7,700                     | 19.4                      | 191.2                      | 6,500                     | 220                       |
| 225                       |                           |                            |                           |                           |                            |                           |                           |                            |                           | 14.3                      | 174.1                      | 6,000                     | 225                       |
| 230                       |                           |                            |                           |                           |                            |                           |                           |                            |                           | 5.7                       | 143.9                      | 5,400                     | 230                       |





# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

New York City Code  
 Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82  
 184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

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

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | 80 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 70                        | 74.6                      | 332.5                      | 37,700*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 70                        |
| 75                        | 73.2                      | 331.0                      | 37,500*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 75                        |
| 80                        | 71.8                      | 329.4                      | 36,800*                   | 73.0                      | 330.5                      | 43,000*                   |                           |                            |                           |                           |                            |                           | 80                        |
| 85                        | 70.4                      | 327.6                      | 36,500*                   | 71.6                      | 328.8                      | 42,800*                   |                           |                            |                           |                           |                            |                           | 85                        |
| 90                        | 68.9                      | 325.7                      | 36,200*                   | 70.1                      | 327.0                      | 42,600*                   |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 67.5                      | 323.6                      | 35,900*                   | 68.7                      | 325.1                      | 42,200*                   |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 66.0                      | 321.4                      | 34,900*                   | 67.2                      | 323.0                      | 40,600*                   | 69.0                      | 324.9                      | 37,900                    |                           |                            |                           | 100                       |
| 105                       | 64.5                      | 319.1                      | 33,300*                   | 65.7                      | 320.8                      | 38,000                    | 67.6                      | 322.8                      | 35,100                    |                           |                            |                           | 105                       |
| 110                       | 63.0                      | 316.5                      | 31,700*                   | 64.2                      | 318.4                      | 35,300                    | 66.1                      | 320.6                      | 32,600                    |                           |                            |                           | 110                       |
| 115                       | 61.5                      | 313.8                      | 30,100*                   | 62.7                      | 315.8                      | 32,900                    | 64.6                      | 318.3                      | 30,300                    | 66.5                      | 320.1                      | 27,700                    | 115                       |
| 120                       | 59.9                      | 311.0                      | 28,600*                   | 61.2                      | 313.1                      | 30,700                    | 63.1                      | 315.7                      | 28,200                    | 65.0                      | 317.8                      | 25,800                    | 120                       |
| 125                       | 58.3                      | 307.9                      | 27,100*                   | 59.6                      | 310.2                      | 28,700                    | 61.6                      | 313.1                      | 26,300                    | 63.5                      | 315.3                      | 24,000                    | 125                       |
| 130                       | 56.7                      | 304.6                      | 25,700*                   | 58.1                      | 307.1                      | 26,900                    | 60.0                      | 310.2                      | 24,600                    | 62.0                      | 312.7                      | 22,300                    | 130                       |
| 135                       | 55.1                      | 301.2                      | 24,400*                   | 56.4                      | 303.8                      | 25,200                    | 58.5                      | 307.1                      | 23,000                    | 60.4                      | 309.8                      | 20,800                    | 135                       |
| 140                       | 53.4                      | 297.5                      | 23,100*                   | 54.8                      | 300.3                      | 23,600                    | 56.9                      | 303.9                      | 21,500                    | 58.8                      | 306.8                      | 19,400                    | 140                       |
| 145                       | 51.7                      | 293.6                      | 21,800*                   | 53.1                      | 296.6                      | 22,200                    | 55.2                      | 300.5                      | 20,100                    | 57.2                      | 303.7                      | 18,100                    | 145                       |
| 150                       | 49.9                      | 289.4                      | 20,700*                   | 51.4                      | 292.6                      | 20,800                    | 53.5                      | 296.8                      | 18,900                    | 55.6                      | 300.3                      | 16,900                    | 150                       |
| 155                       | 48.1                      | 285.0                      | 19,600*                   | 49.7                      | 288.4                      | 19,600                    | 51.8                      | 292.9                      | 17,700                    | 54.0                      | 296.7                      | 15,800                    | 155                       |
| 160                       | 46.3                      | 280.3                      | 18,600*                   | 47.8                      | 283.9                      | 18,400                    | 50.1                      | 288.8                      | 16,600                    | 52.3                      | 292.8                      | 14,800                    | 160                       |
| 165                       | 44.4                      | 275.2                      | 17,700*                   | 46.0                      | 279.2                      | 17,300                    | 48.3                      | 284.4                      | 15,500                    | 50.5                      | 288.7                      | 13,800                    | 165                       |
| 170                       | 42.4                      | 269.8                      | 16,800*                   | 44.1                      | 274.1                      | 16,200                    | 46.5                      | 279.7                      | 14,500                    | 48.7                      | 284.4                      | 12,900                    | 170                       |
| 175                       | 40.3                      | 264.0                      | 15,900*                   | 42.1                      | 268.6                      | 15,300                    | 44.5                      | 274.7                      | 13,600                    | 46.9                      | 279.8                      | 12,000                    | 175                       |
| 180                       | 38.2                      | 257.8                      | 15,100*                   | 40.0                      | 262.7                      | 14,400                    | 42.6                      | 269.3                      | 12,800                    | 45.0                      | 274.8                      | 11,200                    | 180                       |
| 185                       | 35.9                      | 251.0                      | 14,400*                   | 37.8                      | 256.4                      | 13,500                    | 40.5                      | 263.5                      | 11,900                    | 43.0                      | 269.6                      | 10,400                    | 185                       |
| 190                       | 33.5                      | 243.6                      | 13,700                    | 35.5                      | 249.6                      | 12,700                    | 38.4                      | 257.3                      | 11,200                    | 41.0                      | 263.9                      | 9,700                     | 190                       |
| 195                       | 30.9                      | 235.5                      | 12,900                    | 33.1                      | 242.1                      | 11,900                    | 36.1                      | 250.6                      | 10,400                    | 38.9                      | 257.8                      | 9,000                     | 195                       |
| 200                       | 28.2                      | 226.5                      | 12,100                    | 30.5                      | 233.8                      | 11,100                    | 33.7                      | 243.3                      | 9,700                     | 36.7                      | 251.2                      | 8,300                     | 200                       |
| 205                       | 25.1                      | 216.3                      | 11,300                    | 27.7                      | 224.6                      | 10,400                    | 31.2                      | 235.2                      | 9,100                     | 34.3                      | 244.0                      | 7,700                     | 205                       |
| 210                       | 21.6                      | 204.4                      | 10,600                    | 24.6                      | 214.2                      | 9,700                     | 28.4                      | 226.3                      | 8,400                     | 31.8                      | 236.2                      | 7,100                     | 210                       |
| 215                       | 17.5                      | 189.8                      | 10,000                    | 21.0                      | 201.9                      | 9,100                     | 25.4                      | 216.2                      | 7,800                     | 29.1                      | 227.5                      | 6,500                     | 215                       |
| 220                       | 12.0                      | 170.0                      | 9,300                     | 16.7                      | 186.7                      | 8,500                     | 21.9                      | 204.4                      | 7,200                     | 26.1                      | 217.7                      | 5,900                     | 220                       |
| 225                       |                           |                            |                           | 10.8                      | 165.4                      | 7,800                     | 17.9                      | 190.2                      | 6,600                     | 22.8                      | 206.4                      | 5,400                     | 225                       |
| 230                       |                           |                            |                           |                           |                            |                           | 12.5                      | 171.0                      | 6,100                     | 18.9                      | 192.9                      | 4,900                     | 230                       |
| 235                       |                           |                            |                           |                           |                            |                           |                           |                            |                           | 14.0                      | 175.3                      | 4,400                     | 235                       |



# Liftcrane Fixed Jib Capacities

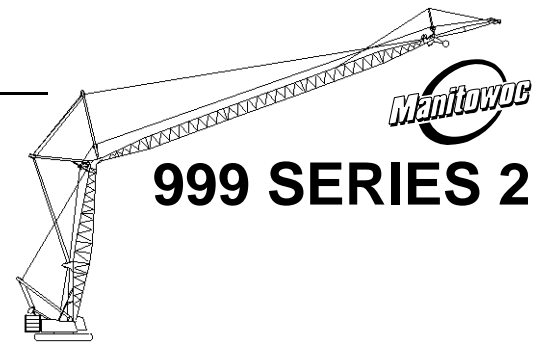
## 999 SERIES 2

New York City Code  
 Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82  
 184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 120 Ft. Boom, 190 Ft. Luffing Jib, 30 Ft. Fixed Jib

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | 80 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 75                        | 74.0                      | 341.5                      | 34,400*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 75                        |
| 80                        | 72.6                      | 339.9                      | 33,900*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 80                        |
| 85                        | 71.3                      | 338.2                      | 33,600*                   | 72.4                      | 339.4                      | 39,200*                   |                           |                            |                           |                           |                            |                           | 85                        |
| 90                        | 69.9                      | 336.4                      | 33,300*                   | 71.1                      | 337.7                      | 39,000*                   |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 68.5                      | 334.5                      | 33,100*                   | 69.7                      | 335.8                      | 38,800*                   |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 67.1                      | 332.4                      | 32,700*                   | 68.3                      | 333.8                      | 38,600*                   |                           |                            |                           |                           |                            |                           | 100                       |
| 105                       | 65.7                      | 330.1                      | 32,100*                   | 66.9                      | 331.7                      | 37,200*                   | 68.6                      | 333.6                      | 34,700                    |                           |                            |                           | 105                       |
| 110                       | 64.3                      | 327.7                      | 30,600*                   | 65.5                      | 329.5                      | 34,900                    | 67.2                      | 331.5                      | 32,200                    |                           |                            |                           | 110                       |
| 115                       | 62.9                      | 325.2                      | 29,200*                   | 64.1                      | 327.0                      | 32,500                    | 65.8                      | 329.3                      | 29,900                    |                           |                            |                           | 115                       |
| 120                       | 61.4                      | 322.5                      | 27,800*                   | 62.6                      | 324.5                      | 30,300                    | 64.4                      | 326.9                      | 27,800                    | 66.2                      | 328.8                      | 25,300                    | 120                       |
| 125                       | 59.9                      | 319.6                      | 26,500*                   | 61.1                      | 321.7                      | 28,300                    | 63.0                      | 324.4                      | 25,900                    | 64.8                      | 326.5                      | 23,600                    | 125                       |
| 130                       | 58.4                      | 316.6                      | 25,200*                   | 59.7                      | 318.8                      | 26,500                    | 61.5                      | 321.7                      | 24,200                    | 63.3                      | 324.0                      | 21,900                    | 130                       |
| 135                       | 56.9                      | 313.3                      | 24,000*                   | 58.1                      | 315.7                      | 24,800                    | 60.0                      | 318.9                      | 22,600                    | 61.9                      | 321.3                      | 20,400                    | 135                       |
| 140                       | 55.3                      | 309.9                      | 22,800*                   | 56.6                      | 312.5                      | 23,200                    | 58.5                      | 315.8                      | 21,100                    | 60.4                      | 318.5                      | 19,000                    | 140                       |
| 145                       | 53.7                      | 306.3                      | 21,700*                   | 55.0                      | 309.0                      | 21,700                    | 57.0                      | 312.6                      | 19,700                    | 58.9                      | 315.5                      | 17,700                    | 145                       |
| 150                       | 52.1                      | 302.4                      | 20,600*                   | 53.5                      | 305.3                      | 20,400                    | 55.4                      | 309.2                      | 18,500                    | 57.4                      | 312.3                      | 16,500                    | 150                       |
| 155                       | 50.4                      | 298.3                      | 19,500*                   | 51.8                      | 301.4                      | 19,100                    | 53.9                      | 305.6                      | 17,300                    | 55.8                      | 309.0                      | 15,400                    | 155                       |
| 160                       | 48.7                      | 294.0                      | 18,600*                   | 50.2                      | 297.3                      | 18,000                    | 52.2                      | 301.7                      | 16,200                    | 54.2                      | 305.4                      | 14,300                    | 160                       |
| 165                       | 47.0                      | 289.3                      | 17,600*                   | 48.4                      | 292.9                      | 16,900                    | 50.6                      | 297.6                      | 15,100                    | 52.6                      | 301.6                      | 13,400                    | 165                       |
| 170                       | 45.2                      | 284.4                      | 16,800*                   | 46.7                      | 288.3                      | 15,800                    | 48.9                      | 293.3                      | 14,100                    | 51.0                      | 297.6                      | 12,400                    | 170                       |
| 175                       | 43.3                      | 279.2                      | 16,000*                   | 44.9                      | 283.3                      | 14,900                    | 47.1                      | 288.7                      | 13,200                    | 49.3                      | 293.3                      | 11,600                    | 175                       |
| 180                       | 41.4                      | 273.6                      | 15,100                    | 43.0                      | 278.0                      | 14,000                    | 45.3                      | 283.8                      | 12,400                    | 47.5                      | 288.8                      | 10,800                    | 180                       |
| 185                       | 39.4                      | 267.6                      | 14,200                    | 41.1                      | 272.4                      | 13,100                    | 43.5                      | 278.6                      | 11,500                    | 45.8                      | 284.0                      | 10,000                    | 185                       |
| 190                       | 37.3                      | 261.2                      | 13,300                    | 39.0                      | 266.3                      | 12,300                    | 41.5                      | 273.1                      | 10,800                    | 43.9                      | 278.9                      | 9,300                     | 190                       |
| 195                       | 35.1                      | 254.2                      | 12,500                    | 36.9                      | 259.7                      | 11,500                    | 39.5                      | 267.1                      | 10,000                    | 42.0                      | 273.4                      | 8,600                     | 195                       |
| 200                       | 32.7                      | 246.6                      | 11,800                    | 34.7                      | 252.7                      | 10,800                    | 37.5                      | 260.7                      | 9,300                     | 40.0                      | 267.5                      | 7,900                     | 200                       |
| 205                       | 30.2                      | 238.2                      | 11,000                    | 32.3                      | 245.0                      | 10,100                    | 35.3                      | 253.8                      | 8,700                     | 38.0                      | 261.2                      | 7,300                     | 205                       |
| 210                       | 27.5                      | 228.9                      | 10,300                    | 29.8                      | 236.5                      | 9,400                     | 32.9                      | 246.2                      | 8,000                     | 35.8                      | 254.4                      | 6,700                     | 210                       |
| 215                       | 24.5                      | 218.4                      | 9,700                     | 27.0                      | 227.0                      | 8,700                     | 30.4                      | 237.9                      | 7,400                     | 33.5                      | 247.0                      | 6,100                     | 215                       |
| 220                       | 21.1                      | 206.2                      | 9,000                     | 24.0                      | 216.3                      | 8,100                     | 27.7                      | 228.7                      | 6,800                     | 31.0                      | 238.9                      | 5,600                     | 220                       |
| 225                       | 17.1                      | 191.3                      | 8,400                     | 20.5                      | 203.7                      | 7,500                     | 24.8                      | 218.3                      | 6,300                     | 28.4                      | 230.0                      | 5,100                     | 225                       |
| 230                       | 11.7                      | 170.9                      | 7,800                     | 16.3                      | 188.1                      | 6,900                     | 21.4                      | 206.3                      | 5,800                     | 25.5                      | 219.9                      | 4,500                     | 230                       |
| 235                       |                           |                            |                           | 10.5                      | 166.2                      | 6,400                     | 17.4                      | 191.7                      | 5,200                     | 22.3                      | 208.3                      | 4,100                     | 235                       |
| 240                       |                           |                            |                           |                           |                            |                           | 12.2                      | 172.0                      | 4,700                     |                           |                            |                           | 240                       |



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

New York City Code  
Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

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

### 120 Ft. Boom, 200 Ft. Luffing Jib, 30 Ft. Fixed Jib

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | 80 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 75                        | 74.7                      | 351.9                      | 31,400*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 75                        |
| 80                        | 73.4                      | 350.4                      | 31,100*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 80                        |
| 85                        | 72.1                      | 348.8                      | 30,900*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 85                        |
| 90                        | 70.8                      | 347.1                      | 30,600*                   | 71.9                      | 348.2                      | 36,400*                   |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 69.5                      | 345.2                      | 30,400*                   | 70.6                      | 346.5                      | 35,500*                   |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 68.2                      | 343.2                      | 30,100*                   | 69.3                      | 344.6                      | 35,300*                   |                           |                            |                           |                           |                            |                           | 100                       |
| 105                       | 66.8                      | 341.1                      | 29,800*                   | 68.0                      | 342.6                      | 35,000*                   | 69.6                      | 344.4                      | 34,100                    |                           |                            |                           | 105                       |
| 110                       | 65.5                      | 338.8                      | 29,400*                   | 66.6                      | 340.4                      | 34,100*                   | 68.3                      | 342.4                      | 31,600                    |                           |                            |                           | 110                       |
| 115                       | 64.1                      | 336.4                      | 28,200*                   | 65.3                      | 338.2                      | 32,000                    | 66.9                      | 340.3                      | 29,300                    |                           |                            |                           | 115                       |
| 120                       | 62.7                      | 333.9                      | 26,900*                   | 63.9                      | 335.7                      | 29,800                    | 65.6                      | 338.0                      | 27,300                    |                           |                            |                           | 120                       |
| 125                       | 61.3                      | 331.2                      | 25,700*                   | 62.5                      | 333.1                      | 27,800                    | 64.2                      | 335.6                      | 25,400                    | 65.9                      | 337.5                      | 23,000                    | 125                       |
| 130                       | 59.9                      | 328.3                      | 24,600*                   | 61.1                      | 330.4                      | 25,900                    | 62.8                      | 333.1                      | 23,600                    | 64.6                      | 335.2                      | 21,300                    | 130                       |
| 135                       | 58.5                      | 325.2                      | 23,400*                   | 59.7                      | 327.5                      | 24,200                    | 61.4                      | 330.4                      | 22,000                    | 63.2                      | 332.7                      | 19,800                    | 135                       |
| 140                       | 57.0                      | 322.0                      | 22,300*                   | 58.2                      | 324.4                      | 22,700                    | 60.0                      | 327.5                      | 20,500                    | 61.8                      | 330.0                      | 18,400                    | 140                       |
| 145                       | 55.5                      | 318.6                      | 21,300*                   | 56.8                      | 321.2                      | 21,200                    | 58.6                      | 324.5                      | 19,200                    | 60.4                      | 327.2                      | 17,100                    | 145                       |
| 150                       | 54.0                      | 315.0                      | 20,300*                   | 55.3                      | 317.7                      | 19,900                    | 57.1                      | 321.3                      | 17,900                    | 58.9                      | 324.2                      | 15,900                    | 150                       |
| 155                       | 52.5                      | 311.2                      | 19,300*                   | 53.7                      | 314.1                      | 18,600                    | 55.6                      | 317.9                      | 16,700                    | 57.5                      | 321.0                      | 14,800                    | 155                       |
| 160                       | 50.9                      | 307.2                      | 18,400*                   | 52.2                      | 310.2                      | 17,500                    | 54.1                      | 314.3                      | 15,600                    | 56.0                      | 317.7                      | 13,800                    | 160                       |
| 165                       | 49.3                      | 302.9                      | 17,500*                   | 50.6                      | 306.2                      | 16,400                    | 52.6                      | 310.5                      | 14,600                    | 54.5                      | 314.1                      | 12,800                    | 165                       |
| 170                       | 47.6                      | 298.4                      | 16,500                    | 49.0                      | 301.9                      | 15,300                    | 51.0                      | 306.5                      | 13,600                    | 53.0                      | 310.4                      | 11,900                    | 170                       |
| 175                       | 45.9                      | 293.6                      | 15,500                    | 47.3                      | 297.3                      | 14,400                    | 49.4                      | 302.2                      | 12,700                    | 51.4                      | 306.4                      | 11,000                    | 175                       |
| 180                       | 44.1                      | 288.5                      | 14,500                    | 45.6                      | 292.5                      | 13,500                    | 47.7                      | 297.7                      | 11,800                    | 49.8                      | 302.2                      | 10,200                    | 180                       |
| 185                       | 42.3                      | 283.1                      | 13,600                    | 43.8                      | 287.3                      | 12,600                    | 46.0                      | 293.0                      | 11,000                    | 48.1                      | 297.8                      | 9,400                     | 185                       |
| 190                       | 40.4                      | 277.3                      | 12,800                    | 42.0                      | 281.8                      | 11,800                    | 44.3                      | 287.9                      | 10,200                    | 46.4                      | 293.1                      | 8,700                     | 190                       |
| 195                       | 38.5                      | 271.1                      | 12,000                    | 40.1                      | 276.0                      | 11,000                    | 42.5                      | 282.5                      | 9,500                     | 44.7                      | 288.1                      | 8,000                     | 195                       |
| 200                       | 36.4                      | 264.4                      | 11,200                    | 38.1                      | 269.7                      | 10,300                    | 40.6                      | 276.8                      | 8,800                     | 42.9                      | 282.8                      | 7,400                     | 200                       |
| 205                       | 34.3                      | 257.2                      | 10,500                    | 36.1                      | 263.0                      | 9,600                     | 38.6                      | 270.6                      | 8,100                     | 41.0                      | 277.1                      | 6,700                     | 205                       |
| 210                       | 32.0                      | 249.4                      | 9,800                     | 33.9                      | 255.7                      | 8,900                     | 36.6                      | 264.0                      | 7,500                     | 39.1                      | 271.1                      | 6,100                     | 210                       |
| 215                       | 29.5                      | 240.8                      | 9,200                     | 31.6                      | 247.8                      | 8,300                     | 34.5                      | 256.8                      | 6,900                     | 37.1                      | 264.6                      | 5,600                     | 215                       |
| 220                       | 26.9                      | 231.3                      | 8,500                     | 29.1                      | 239.0                      | 7,700                     | 32.2                      | 249.1                      | 6,300                     | 35.0                      | 257.6                      | 5,000                     | 220                       |
| 225                       | 24.0                      | 220.5                      | 7,900                     | 26.4                      | 229.3                      | 7,100                     | 29.7                      | 240.6                      | 5,800                     | 32.7                      | 250.0                      | 4,500                     | 225                       |
| 230                       | 20.6                      | 208.0                      | 7,300                     | 23.4                      | 218.3                      | 6,500                     | 27.1                      | 231.1                      | 5,300                     | 30.3                      | 241.6                      | 4,000                     | 230                       |
| 235                       | 16.7                      | 192.7                      | 6,800                     | 20.0                      | 205.4                      | 6,000                     | 24.2                      | 220.5                      | 4,800                     |                           |                            |                           | 235                       |
| 240                       | 11.4                      | 171.9                      | 6,200                     | 15.9                      | 189.5                      | 5,400                     | 20.9                      | 208.1                      | 4,300                     |                           |                            |                           | 240                       |
| 245                       |                           |                            |                           | 10.3                      | 167.1                      | 4,900                     |                           |                            |                           |                           |                            |                           | 245                       |



# Liftcrane Fixed Jib Capacities

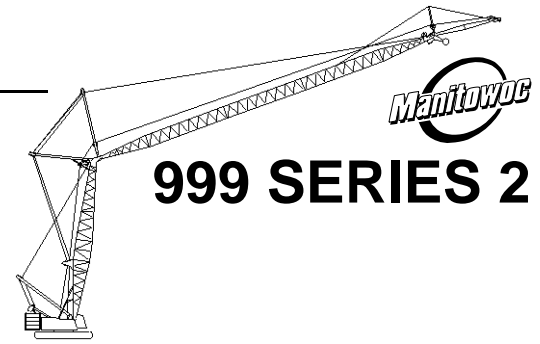
## 999 SERIES 2

New York City Code  
 Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82  
 184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 120 Ft. Boom, 210 Ft. Luffing Jib, 30 Ft. Fixed Jib

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | 80 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 80                        | 74.1                      | 360.9                      | 28,600*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 80                        |
| 85                        | 72.9                      | 359.3                      | 28,400*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 85                        |
| 90                        | 71.6                      | 357.7                      | 28,100*                   | 72.7                      | 358.8                      | 32,700*                   |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 70.4                      | 355.9                      | 27,900*                   | 71.4                      | 357.1                      | 32,500*                   |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 69.1                      | 354.0                      | 27,600*                   | 70.2                      | 355.3                      | 32,300*                   |                           |                            |                           |                           |                            |                           | 100                       |
| 105                       | 67.8                      | 352.0                      | 27,400*                   | 68.9                      | 353.4                      | 32,000*                   |                           |                            |                           |                           |                            |                           | 105                       |
| 110                       | 66.6                      | 349.8                      | 27,100*                   | 67.6                      | 351.3                      | 31,800*                   | 69.2                      | 353.2                      | 31,100                    |                           |                            |                           | 110                       |
| 115                       | 65.3                      | 347.5                      | 26,900*                   | 66.3                      | 349.2                      | 31,300*                   | 68.0                      | 351.1                      | 28,800                    |                           |                            |                           | 115                       |
| 120                       | 63.9                      | 345.1                      | 26,000*                   | 65.0                      | 346.9                      | 29,300                    | 66.7                      | 349.0                      | 26,700                    |                           |                            |                           | 120                       |
| 125                       | 62.6                      | 342.5                      | 24,900*                   | 63.7                      | 344.4                      | 27,300                    | 65.4                      | 346.7                      | 24,800                    | 67.0                      | 348.5                      | 22,400                    | 125                       |
| 130                       | 61.3                      | 339.8                      | 23,800*                   | 62.4                      | 341.8                      | 25,400                    | 64.1                      | 344.3                      | 23,100                    | 65.7                      | 346.2                      | 20,800                    | 130                       |
| 135                       | 59.9                      | 336.9                      | 22,800*                   | 61.1                      | 339.1                      | 23,700                    | 62.7                      | 341.7                      | 21,500                    | 64.4                      | 343.9                      | 19,300                    | 135                       |
| 140                       | 58.5                      | 333.9                      | 21,800*                   | 59.7                      | 336.2                      | 22,200                    | 61.4                      | 339.0                      | 20,000                    | 63.1                      | 341.3                      | 17,900                    | 140                       |
| 145                       | 57.1                      | 330.7                      | 20,900*                   | 58.3                      | 333.1                      | 20,700                    | 60.0                      | 336.2                      | 18,700                    | 61.7                      | 338.7                      | 16,600                    | 145                       |
| 150                       | 55.7                      | 327.3                      | 19,900*                   | 56.9                      | 329.9                      | 19,400                    | 58.7                      | 333.1                      | 17,400                    | 60.4                      | 335.8                      | 15,400                    | 150                       |
| 155                       | 54.3                      | 323.7                      | 19,000*                   | 55.5                      | 326.4                      | 18,100                    | 57.3                      | 330.0                      | 16,200                    | 59.0                      | 332.8                      | 14,300                    | 155                       |
| 160                       | 52.8                      | 320.0                      | 18,200*                   | 54.0                      | 322.8                      | 17,000                    | 55.8                      | 326.6                      | 15,100                    | 57.6                      | 329.7                      | 13,200                    | 160                       |
| 165                       | 51.3                      | 316.0                      | 17,100                    | 52.5                      | 319.0                      | 15,900                    | 54.4                      | 323.0                      | 14,100                    | 56.2                      | 326.4                      | 12,300                    | 165                       |
| 170                       | 49.7                      | 311.8                      | 16,000                    | 51.0                      | 315.0                      | 14,800                    | 52.9                      | 319.3                      | 13,100                    | 54.7                      | 322.9                      | 11,300                    | 170                       |
| 175                       | 48.2                      | 307.4                      | 15,000                    | 49.5                      | 310.8                      | 13,900                    | 51.4                      | 315.3                      | 12,200                    | 53.3                      | 319.1                      | 10,500                    | 175                       |
| 180                       | 46.5                      | 302.7                      | 14,100                    | 47.9                      | 306.3                      | 13,000                    | 49.9                      | 311.1                      | 11,300                    | 51.8                      | 315.2                      | 9,700                     | 180                       |
| 185                       | 44.9                      | 297.7                      | 13,200                    | 46.3                      | 301.6                      | 12,100                    | 48.3                      | 306.7                      | 10,500                    | 50.2                      | 311.1                      | 8,900                     | 185                       |
| 190                       | 43.2                      | 292.4                      | 12,300                    | 44.6                      | 296.6                      | 11,300                    | 46.7                      | 302.1                      | 9,700                     | 48.7                      | 306.8                      | 8,200                     | 190                       |
| 195                       | 41.4                      | 286.8                      | 11,500                    | 42.9                      | 291.2                      | 10,500                    | 45.0                      | 297.1                      | 9,000                     | 47.1                      | 302.2                      | 7,500                     | 195                       |
| 200                       | 39.5                      | 280.9                      | 10,800                    | 41.1                      | 285.6                      | 9,800                     | 43.3                      | 291.9                      | 8,300                     | 45.4                      | 297.3                      | 6,800                     | 200                       |
| 205                       | 37.6                      | 274.5                      | 10,000                    | 39.2                      | 279.5                      | 9,100                     | 41.5                      | 286.3                      | 7,600                     | 43.7                      | 292.1                      | 6,200                     | 205                       |
| 210                       | 35.6                      | 267.6                      | 9,300                     | 37.3                      | 273.1                      | 8,400                     | 39.7                      | 280.4                      | 7,000                     | 42.0                      | 286.6                      | 5,600                     | 210                       |
| 215                       | 33.5                      | 260.2                      | 8,700                     | 35.3                      | 266.2                      | 7,800                     | 37.8                      | 274.0                      | 6,400                     | 40.1                      | 280.8                      | 5,100                     | 215                       |
| 220                       | 31.3                      | 252.2                      | 8,100                     | 33.2                      | 258.7                      | 7,200                     | 35.8                      | 267.2                      | 5,900                     | 38.3                      | 274.5                      | 4,500                     | 220                       |
| 225                       | 28.9                      | 243.4                      | 7,500                     | 30.9                      | 250.5                      | 6,600                     | 33.7                      | 259.9                      | 5,300                     | 36.3                      | 267.8                      | 4,000                     | 225                       |
| 230                       | 26.3                      | 233.6                      | 6,900                     | 28.5                      | 241.6                      | 6,000                     | 31.5                      | 251.9                      | 4,800                     |                           |                            |                           | 230                       |
| 235                       | 23.4                      | 222.6                      | 6,300                     | 25.9                      | 231.6                      | 5,500                     | 29.1                      | 243.1                      | 4,300                     |                           |                            |                           | 235                       |
| 240                       | 20.2                      | 209.7                      | 5,800                     | 22.9                      | 220.3                      | 5,000                     |                           |                            |                           |                           |                            |                           | 240                       |
| 245                       | 16.3                      | 194.1                      | 5,300                     | 19.6                      | 207.1                      | 4,500                     |                           |                            |                           |                           |                            |                           | 245                       |
| 250                       | 11.2                      | 172.8                      | 4,700                     | 15.6                      | 190.8                      | 4,000                     |                           |                            |                           |                           |                            |                           | 250                       |



# Liftcrane Fixed Jib Capacities

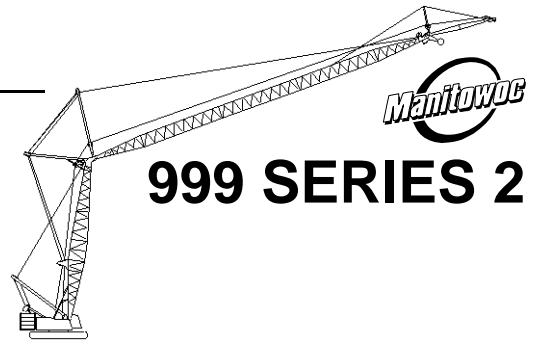
## 999 SERIES 2

New York City Code  
Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

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

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

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | 80 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 75                        | 73.6                      | 330.9                      | 35,400*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 75                        |
| 80                        | 72.2                      | 329.3                      | 35,100*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 80                        |
| 85                        | 70.8                      | 327.5                      | 34,900*                   | 72.0                      | 328.7                      | 40,800*                   |                           |                            |                           |                           |                            |                           | 85                        |
| 90                        | 69.4                      | 325.6                      | 34,600*                   | 70.6                      | 326.9                      | 40,200*                   |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 67.9                      | 323.5                      | 34,400*                   | 69.1                      | 325.0                      | 38,300*                   |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 66.4                      | 321.3                      | 33,900*                   | 67.7                      | 322.9                      | 36,500*                   | 69.5                      | 324.8                      | 38,800                    |                           |                            |                           | 100                       |
| 105                       | 64.9                      | 319.0                      | 32,600*                   | 66.2                      | 320.6                      | 34,900*                   | 68.0                      | 322.7                      | 36,000                    |                           |                            |                           | 105                       |
| 110                       | 63.4                      | 316.4                      | 31,000*                   | 64.7                      | 318.3                      | 33,400*                   | 66.5                      | 320.5                      | 33,500                    |                           |                            |                           | 110                       |
| 115                       | 61.9                      | 313.7                      | 29,400*                   | 63.2                      | 315.7                      | 31,900*                   | 65.1                      | 318.1                      | 31,200                    | 66.9                      | 320.0                      | 28,600                    | 115                       |
| 120                       | 60.3                      | 310.8                      | 27,900*                   | 61.6                      | 313.0                      | 30,600*                   | 63.6                      | 315.6                      | 29,100                    | 65.4                      | 317.7                      | 26,700                    | 120                       |
| 125                       | 58.8                      | 307.8                      | 26,500*                   | 60.1                      | 310.1                      | 29,400*                   | 62.0                      | 312.9                      | 27,200                    | 63.9                      | 315.2                      | 24,900                    | 125                       |
| 130                       | 57.1                      | 304.5                      | 25,100*                   | 58.5                      | 307.0                      | 27,700                    | 60.5                      | 310.1                      | 25,500                    | 62.4                      | 312.6                      | 23,200                    | 130                       |
| 135                       | 55.5                      | 301.1                      | 23,700*                   | 56.9                      | 303.7                      | 26,000                    | 58.9                      | 307.0                      | 23,900                    | 60.8                      | 309.7                      | 21,700                    | 135                       |
| 140                       | 53.8                      | 297.4                      | 22,400*                   | 55.2                      | 300.2                      | 24,500                    | 57.3                      | 303.8                      | 22,400                    | 59.3                      | 306.7                      | 20,300                    | 140                       |
| 145                       | 52.1                      | 293.5                      | 21,200*                   | 53.6                      | 296.5                      | 23,000                    | 55.6                      | 300.3                      | 21,000                    | 57.7                      | 303.5                      | 19,000                    | 145                       |
| 150                       | 50.4                      | 289.3                      | 20,100*                   | 51.8                      | 292.5                      | 21,600                    | 54.0                      | 296.7                      | 19,700                    | 56.0                      | 300.1                      | 17,800                    | 150                       |
| 155                       | 48.6                      | 284.9                      | 19,000*                   | 50.1                      | 288.3                      | 20,400                    | 52.3                      | 292.8                      | 18,500                    | 54.4                      | 296.5                      | 16,700                    | 155                       |
| 160                       | 46.7                      | 280.1                      | 18,000*                   | 48.3                      | 283.8                      | 19,200                    | 50.5                      | 288.6                      | 17,400                    | 52.7                      | 292.7                      | 15,600                    | 160                       |
| 165                       | 44.8                      | 275.1                      | 17,000*                   | 46.4                      | 279.0                      | 18,100                    | 48.7                      | 284.2                      | 16,400                    | 50.9                      | 288.6                      | 14,600                    | 165                       |
| 170                       | 42.8                      | 269.7                      | 16,100*                   | 44.5                      | 273.9                      | 17,100                    | 46.9                      | 279.5                      | 15,400                    | 49.2                      | 284.3                      | 13,700                    | 170                       |
| 175                       | 40.8                      | 263.9                      | 15,300*                   | 42.5                      | 268.5                      | 16,100                    | 45.0                      | 274.5                      | 14,400                    | 47.3                      | 279.6                      | 12,800                    | 175                       |
| 180                       | 38.6                      | 257.6                      | 14,500*                   | 40.4                      | 262.6                      | 15,200                    | 43.0                      | 269.1                      | 13,600                    | 45.4                      | 274.7                      | 12,000                    | 180                       |
| 185                       | 36.3                      | 250.9                      | 13,800*                   | 38.2                      | 256.3                      | 14,300                    | 40.9                      | 263.4                      | 12,700                    | 43.5                      | 269.4                      | 11,200                    | 185                       |
| 190                       | 33.9                      | 243.5                      | 13,100*                   | 35.9                      | 249.4                      | 13,500                    | 38.8                      | 257.2                      | 12,000                    | 41.4                      | 263.7                      | 10,500                    | 190                       |
| 195                       | 31.4                      | 235.3                      | 12,500*                   | 33.5                      | 241.9                      | 12,700                    | 36.5                      | 250.4                      | 11,200                    | 39.3                      | 257.6                      | 9,800                     | 195                       |
| 200                       | 28.6                      | 226.3                      | 11,900*                   | 30.9                      | 233.6                      | 11,900                    | 34.1                      | 243.1                      | 10,500                    | 37.1                      | 251.0                      | 9,100                     | 200                       |
| 205                       | 25.5                      | 216.0                      | 11,400*                   | 28.1                      | 224.4                      | 11,200                    | 31.6                      | 235.0                      | 9,800                     | 34.7                      | 243.9                      | 8,500                     | 205                       |
| 210                       | 22.0                      | 204.1                      | 11,000*                   | 25.0                      | 213.9                      | 10,500                    | 28.8                      | 226.1                      | 9,200                     | 32.2                      | 236.0                      | 7,900                     | 210                       |
| 215                       | 17.8                      | 189.5                      | 10,600*                   | 21.4                      | 201.6                      | 9,900                     | 25.8                      | 215.9                      | 8,600                     | 29.5                      | 227.3                      | 7,300                     | 215                       |
| 220                       | 12.3                      | 169.5                      | 10,000                    | 17.1                      | 186.4                      | 9,200                     | 22.3                      | 204.2                      | 8,000                     | 26.5                      | 217.5                      | 6,700                     | 220                       |
| 225                       |                           |                            |                           | 11.1                      | 164.8                      | 8,600                     | 18.2                      | 189.8                      | 7,400                     | 23.2                      | 206.1                      | 6,200                     | 225                       |
| 230                       |                           |                            |                           |                           |                            |                           | 12.8                      | 170.5                      | 6,800                     | 19.3                      | 192.5                      | 5,700                     | 230                       |
| 235                       |                           |                            |                           |                           |                            |                           |                           |                            |                           | 14.3                      | 174.8                      | 5,200                     | 235                       |
| 240                       |                           |                            |                           |                           |                            |                           |                           |                            |                           | 5.7                       | 143.2                      | 4,600                     | 240                       |



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

New York City Code  
 Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82  
 184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

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

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | 80 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 75                        | 74.4                      | 341.4                      | 32,700*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 75                        |
| 80                        | 73.1                      | 339.8                      | 32,500*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 80                        |
| 85                        | 71.7                      | 338.1                      | 32,300*                   | 72.8                      | 339.3                      | 37,700*                   |                           |                            |                           |                           |                            |                           | 85                        |
| 90                        | 70.3                      | 336.3                      | 32,100*                   | 71.5                      | 337.6                      | 37,600*                   |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 68.9                      | 334.4                      | 31,900*                   | 70.1                      | 335.7                      | 36,600*                   |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 67.6                      | 332.3                      | 31,700*                   | 68.7                      | 333.7                      | 34,900*                   |                           |                            |                           |                           |                            |                           | 100                       |
| 105                       | 66.1                      | 330.0                      | 31,200*                   | 67.3                      | 331.6                      | 33,400*                   | 69.1                      | 333.5                      | 35,400                    |                           |                            |                           | 105                       |
| 110                       | 64.7                      | 327.6                      | 30,000*                   | 65.9                      | 329.4                      | 31,900*                   | 67.7                      | 331.4                      | 32,900                    |                           |                            |                           | 110                       |
| 115                       | 63.3                      | 325.1                      | 28,600*                   | 64.5                      | 326.9                      | 30,600*                   | 66.3                      | 329.2                      | 30,600                    |                           |                            |                           | 115                       |
| 120                       | 61.8                      | 322.4                      | 27,200*                   | 63.0                      | 324.4                      | 29,300*                   | 64.8                      | 326.8                      | 28,500                    | 66.6                      | 328.7                      | 26,000                    | 120                       |
| 125                       | 60.3                      | 319.5                      | 25,900*                   | 61.6                      | 321.6                      | 28,100*                   | 63.4                      | 324.3                      | 26,600                    | 65.2                      | 326.4                      | 24,200                    | 125                       |
| 130                       | 58.8                      | 316.4                      | 24,600*                   | 60.1                      | 318.7                      | 27,000*                   | 61.9                      | 321.6                      | 24,800                    | 63.7                      | 323.9                      | 22,500                    | 130                       |
| 135                       | 57.3                      | 313.2                      | 23,400*                   | 58.6                      | 315.6                      | 25,400*                   | 60.4                      | 318.7                      | 23,200                    | 62.3                      | 321.2                      | 21,000                    | 135                       |
| 140                       | 55.7                      | 309.8                      | 22,200*                   | 57.0                      | 312.4                      | 23,900                    | 58.9                      | 315.7                      | 21,700                    | 60.8                      | 318.4                      | 19,600                    | 140                       |
| 145                       | 54.1                      | 306.1                      | 21,100*                   | 55.5                      | 308.9                      | 22,400                    | 57.4                      | 312.5                      | 20,400                    | 59.3                      | 315.4                      | 18,300                    | 145                       |
| 150                       | 52.5                      | 302.3                      | 20,000*                   | 53.9                      | 305.2                      | 21,100                    | 55.9                      | 309.1                      | 19,100                    | 57.8                      | 312.2                      | 17,100                    | 150                       |
| 155                       | 50.8                      | 298.2                      | 18,900*                   | 52.2                      | 301.3                      | 19,800                    | 54.3                      | 305.4                      | 17,900                    | 56.2                      | 308.8                      | 16,000                    | 155                       |
| 160                       | 49.1                      | 293.8                      | 18,000*                   | 50.6                      | 297.2                      | 18,600                    | 52.6                      | 301.6                      | 16,800                    | 54.6                      | 305.3                      | 15,000                    | 160                       |
| 165                       | 47.4                      | 289.2                      | 17,000*                   | 48.8                      | 292.8                      | 17,500                    | 51.0                      | 297.5                      | 15,700                    | 53.0                      | 301.5                      | 14,000                    | 165                       |
| 170                       | 45.6                      | 284.3                      | 16,200*                   | 47.1                      | 288.1                      | 16,500                    | 49.3                      | 293.2                      | 14,800                    | 51.4                      | 297.5                      | 13,000                    | 170                       |
| 175                       | 43.7                      | 279.1                      | 15,400*                   | 45.3                      | 283.2                      | 15,500                    | 47.5                      | 288.6                      | 13,800                    | 49.7                      | 293.2                      | 12,200                    | 175                       |
| 180                       | 41.8                      | 273.5                      | 14,600*                   | 43.4                      | 277.9                      | 14,600                    | 45.7                      | 283.7                      | 13,000                    | 48.0                      | 288.7                      | 11,400                    | 180                       |
| 185                       | 39.8                      | 267.4                      | 13,900*                   | 41.5                      | 272.2                      | 13,700                    | 43.9                      | 278.5                      | 12,100                    | 46.2                      | 283.9                      | 10,600                    | 185                       |
| 190                       | 37.7                      | 261.0                      | 13,200*                   | 39.4                      | 266.1                      | 12,900                    | 41.9                      | 272.9                      | 11,400                    | 44.3                      | 278.7                      | 9,800                     | 190                       |
| 195                       | 35.5                      | 254.0                      | 12,600*                   | 37.3                      | 259.6                      | 12,100                    | 39.9                      | 267.0                      | 10,600                    | 42.4                      | 273.2                      | 9,200                     | 195                       |
| 200                       | 33.1                      | 246.4                      | 12,000*                   | 35.1                      | 252.5                      | 11,400                    | 37.8                      | 260.5                      | 9,900                     | 40.4                      | 267.4                      | 8,500                     | 200                       |
| 205                       | 30.6                      | 238.0                      | 11,500*                   | 32.7                      | 244.8                      | 10,700                    | 35.6                      | 253.6                      | 9,300                     | 38.4                      | 261.1                      | 7,900                     | 205                       |
| 210                       | 27.9                      | 228.7                      | 10,900                    | 30.2                      | 236.3                      | 10,000                    | 33.3                      | 246.0                      | 8,600                     | 36.2                      | 254.3                      | 7,300                     | 210                       |
| 215                       | 24.9                      | 218.2                      | 10,200                    | 27.4                      | 226.8                      | 9,300                     | 30.8                      | 237.7                      | 8,000                     | 33.9                      | 246.9                      | 6,700                     | 215                       |
| 220                       | 21.5                      | 205.9                      | 9,600                     | 24.4                      | 216.0                      | 8,700                     | 28.1                      | 228.5                      | 7,400                     | 31.4                      | 238.8                      | 6,100                     | 220                       |
| 225                       | 17.4                      | 190.9                      | 8,900                     | 20.9                      | 203.4                      | 8,100                     | 25.1                      | 218.1                      | 6,900                     | 28.8                      | 229.8                      | 5,600                     | 225                       |
| 230                       | 12.0                      | 170.4                      | 8,300                     | 16.6                      | 187.8                      | 7,500                     | 21.8                      | 206.0                      | 6,300                     | 25.9                      | 219.7                      | 5,100                     | 230                       |
| 235                       |                           |                            |                           | 10.8                      | 165.7                      | 6,900                     | 17.8                      | 191.3                      | 5,800                     | 22.6                      | 208.1                      | 4,600                     | 235                       |
| 240                       |                           |                            |                           |                           |                            |                           | 12.5                      | 171.5                      | 5,300                     | 18.8                      | 194.1                      | 4,100                     | 240                       |



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

New York City Code  
 Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82  
 184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 120 Ft. Boom, 190 Ft. Luffing Jib, 40 Ft. Fixed Jib

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | 80 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 80                        | 73.8                      | 350.3                      | 30,900*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 80                        |
| 85                        | 72.5                      | 348.7                      | 29,900*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 85                        |
| 90                        | 71.2                      | 347.0                      | 29,700*                   | 72.3                      | 348.1                      | 34,800*                   |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 69.9                      | 345.1                      | 29,500*                   | 71.0                      | 346.4                      | 34,600*                   |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 68.6                      | 343.1                      | 29,200*                   | 69.7                      | 344.5                      | 34,400*                   |                           |                            |                           |                           |                            |                           | 100                       |
| 105                       | 67.2                      | 341.0                      | 29,000*                   | 68.4                      | 342.5                      | 34,200*                   |                           |                            |                           |                           |                            |                           | 105                       |
| 110                       | 65.9                      | 338.7                      | 28,700*                   | 67.0                      | 340.3                      | 32,800*                   | 68.7                      | 342.3                      | 32,400                    |                           |                            |                           | 110                       |
| 115                       | 64.5                      | 336.3                      | 27,700*                   | 65.7                      | 338.0                      | 31,500*                   | 67.3                      | 340.2                      | 30,200                    |                           |                            |                           | 115                       |
| 120                       | 63.1                      | 333.8                      | 26,400*                   | 64.3                      | 335.6                      | 30,200*                   | 66.0                      | 337.9                      | 28,100                    |                           |                            |                           | 120                       |
| 125                       | 61.7                      | 331.0                      | 25,200*                   | 62.9                      | 333.0                      | 28,600                    | 64.6                      | 335.5                      | 26,200                    | 66.3                      | 337.4                      | 23,800                    | 125                       |
| 130                       | 60.3                      | 328.2                      | 24,100*                   | 61.5                      | 330.3                      | 26,700                    | 63.2                      | 333.0                      | 24,400                    | 65.0                      | 335.1                      | 22,100                    | 130                       |
| 135                       | 58.9                      | 325.1                      | 22,900*                   | 60.1                      | 327.4                      | 25,000                    | 61.8                      | 330.3                      | 22,800                    | 63.6                      | 332.5                      | 20,600                    | 135                       |
| 140                       | 57.4                      | 321.9                      | 21,900*                   | 58.6                      | 324.3                      | 23,500                    | 60.4                      | 327.4                      | 21,300                    | 62.2                      | 329.9                      | 19,200                    | 140                       |
| 145                       | 55.9                      | 318.5                      | 20,800*                   | 57.2                      | 321.0                      | 22,000                    | 59.0                      | 324.4                      | 20,000                    | 60.8                      | 327.0                      | 17,900                    | 145                       |
| 150                       | 54.4                      | 314.9                      | 19,800*                   | 55.7                      | 317.6                      | 20,700                    | 57.5                      | 321.2                      | 18,700                    | 59.3                      | 324.1                      | 16,700                    | 150                       |
| 155                       | 52.8                      | 311.1                      | 18,800*                   | 54.1                      | 314.0                      | 19,400                    | 56.0                      | 317.8                      | 17,500                    | 57.9                      | 320.9                      | 15,600                    | 155                       |
| 160                       | 51.3                      | 307.0                      | 17,900*                   | 52.6                      | 310.1                      | 18,200                    | 54.5                      | 314.2                      | 16,400                    | 56.4                      | 317.5                      | 14,500                    | 160                       |
| 165                       | 49.6                      | 302.8                      | 17,000*                   | 51.0                      | 306.0                      | 17,100                    | 53.0                      | 310.4                      | 15,300                    | 54.9                      | 314.0                      | 13,600                    | 165                       |
| 170                       | 48.0                      | 298.2                      | 16,200*                   | 49.4                      | 301.7                      | 16,100                    | 51.4                      | 306.4                      | 14,300                    | 53.3                      | 310.3                      | 12,600                    | 170                       |
| 175                       | 46.3                      | 293.4                      | 15,400*                   | 47.7                      | 297.2                      | 15,100                    | 49.8                      | 302.1                      | 13,400                    | 51.8                      | 306.3                      | 11,800                    | 175                       |
| 180                       | 44.5                      | 288.3                      | 14,600*                   | 46.0                      | 292.3                      | 14,200                    | 48.1                      | 297.6                      | 12,600                    | 50.2                      | 302.1                      | 10,900                    | 180                       |
| 185                       | 42.7                      | 282.9                      | 13,900*                   | 44.2                      | 287.2                      | 13,300                    | 46.4                      | 292.8                      | 11,700                    | 48.5                      | 297.7                      | 10,200                    | 185                       |
| 190                       | 40.8                      | 277.1                      | 13,300*                   | 42.4                      | 281.7                      | 12,500                    | 44.7                      | 287.8                      | 11,000                    | 46.8                      | 293.0                      | 9,400                     | 190                       |
| 195                       | 38.9                      | 270.9                      | 12,700*                   | 40.5                      | 275.8                      | 11,700                    | 42.9                      | 282.4                      | 10,200                    | 45.1                      | 288.0                      | 8,700                     | 195                       |
| 200                       | 36.8                      | 264.3                      | 12,000                    | 38.5                      | 269.6                      | 11,000                    | 41.0                      | 276.6                      | 9,500                     | 43.3                      | 282.6                      | 8,100                     | 200                       |
| 205                       | 34.6                      | 257.1                      | 11,300                    | 36.5                      | 262.8                      | 10,300                    | 39.0                      | 270.4                      | 8,900                     | 41.4                      | 277.0                      | 7,500                     | 205                       |
| 210                       | 32.4                      | 249.2                      | 10,600                    | 34.3                      | 255.5                      | 9,600                     | 37.0                      | 263.8                      | 8,200                     | 39.5                      | 270.9                      | 6,900                     | 210                       |
| 215                       | 29.9                      | 240.6                      | 9,900                     | 32.0                      | 247.6                      | 9,000                     | 34.8                      | 256.7                      | 7,600                     | 37.5                      | 264.4                      | 6,300                     | 215                       |
| 220                       | 27.2                      | 231.1                      | 9,300                     | 29.5                      | 238.8                      | 8,300                     | 32.5                      | 248.9                      | 7,000                     | 35.4                      | 257.4                      | 5,800                     | 220                       |
| 225                       | 24.3                      | 220.3                      | 8,700                     | 26.8                      | 229.1                      | 7,800                     | 30.1                      | 240.4                      | 6,500                     | 33.1                      | 249.8                      | 5,200                     | 225                       |
| 230                       | 21.0                      | 207.7                      | 8,100                     | 23.8                      | 218.0                      | 7,200                     | 27.5                      | 230.9                      | 6,000                     | 30.7                      | 241.4                      | 4,700                     | 230                       |
| 235                       | 17.0                      | 192.4                      | 7,500                     | 20.4                      | 205.1                      | 6,600                     | 24.6                      | 220.2                      | 5,400                     | 28.1                      | 232.2                      | 4,200                     | 235                       |
| 240                       | 11.7                      | 171.4                      | 6,900                     | 16.3                      | 189.1                      | 6,100                     | 21.3                      | 207.8                      | 4,900                     |                           |                            |                           | 240                       |
| 245                       |                           |                            |                           | 10.5                      | 166.5                      | 5,600                     | 17.4                      | 192.8                      | 4,500                     |                           |                            |                           | 245                       |
| 250                       |                           |                            |                           |                           |                            |                           | 12.2                      | 172.5                      | 4,000                     |                           |                            |                           | 250                       |



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

New York City Code  
 Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82

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

184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

### 120 Ft. Boom, 200 Ft. Luffing Jib, 40 Ft. Fixed Jib

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | 80 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 80                        | 74.5                      | 360.8                      | 27,900*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 80                        |
| 85                        | 73.3                      | 359.2                      | 27,700*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 85                        |
| 90                        | 72.0                      | 357.6                      | 27,400*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 70.8                      | 355.8                      | 27,200*                   | 71.8                      | 357.0                      | 31,900*                   |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 69.5                      | 353.9                      | 27,000*                   | 70.6                      | 355.2                      | 31,700*                   |                           |                            |                           |                           |                            |                           | 100                       |
| 105                       | 68.2                      | 351.9                      | 26,800*                   | 69.3                      | 353.3                      | 31,500*                   |                           |                            |                           |                           |                            |                           | 105                       |
| 110                       | 66.9                      | 349.7                      | 26,500*                   | 68.0                      | 351.2                      | 31,300*                   | 69.6                      | 353.0                      | 31,300*                   |                           |                            |                           | 110                       |
| 115                       | 65.6                      | 347.4                      | 26,300*                   | 66.7                      | 349.1                      | 30,300*                   | 68.3                      | 351.0                      | 29,600                    |                           |                            |                           | 115                       |
| 120                       | 64.3                      | 345.0                      | 25,500*                   | 65.4                      | 346.7                      | 29,100*                   | 67.1                      | 348.9                      | 27,500                    |                           |                            |                           | 120                       |
| 125                       | 63.0                      | 342.4                      | 24,400*                   | 64.1                      | 344.3                      | 28,000*                   | 65.8                      | 346.6                      | 25,600                    |                           |                            |                           | 125                       |
| 130                       | 61.7                      | 339.7                      | 23,400*                   | 62.8                      | 341.7                      | 26,200                    | 64.4                      | 344.2                      | 23,900                    | 66.1                      | 346.1                      | 21,500                    | 130                       |
| 135                       | 60.3                      | 336.8                      | 22,400*                   | 61.4                      | 338.9                      | 24,500                    | 63.1                      | 341.6                      | 22,300                    | 64.8                      | 343.7                      | 20,000                    | 135                       |
| 140                       | 58.9                      | 333.8                      | 21,400*                   | 60.1                      | 336.0                      | 22,900                    | 61.8                      | 338.9                      | 20,800                    | 63.4                      | 341.2                      | 18,600                    | 140                       |
| 145                       | 57.5                      | 330.6                      | 20,400*                   | 58.7                      | 333.0                      | 21,500                    | 60.4                      | 336.1                      | 19,400                    | 62.1                      | 338.5                      | 17,300                    | 145                       |
| 150                       | 56.1                      | 327.2                      | 19,500*                   | 57.3                      | 329.7                      | 20,100                    | 59.0                      | 333.0                      | 18,100                    | 60.7                      | 335.7                      | 16,100                    | 150                       |
| 155                       | 54.6                      | 323.6                      | 18,600*                   | 55.8                      | 326.3                      | 18,900                    | 57.6                      | 329.8                      | 16,900                    | 59.4                      | 332.7                      | 15,000                    | 155                       |
| 160                       | 53.2                      | 319.8                      | 17,700*                   | 54.4                      | 322.7                      | 17,700                    | 56.2                      | 326.5                      | 15,800                    | 58.0                      | 329.6                      | 14,000                    | 160                       |
| 165                       | 51.6                      | 315.9                      | 16,900*                   | 52.9                      | 318.9                      | 16,600                    | 54.8                      | 322.9                      | 14,800                    | 56.5                      | 326.2                      | 13,000                    | 165                       |
| 170                       | 50.1                      | 311.7                      | 16,100*                   | 51.4                      | 314.9                      | 15,600                    | 53.3                      | 319.2                      | 13,800                    | 55.1                      | 322.7                      | 12,100                    | 170                       |
| 175                       | 48.5                      | 307.2                      | 15,300*                   | 49.8                      | 310.7                      | 14,600                    | 51.8                      | 315.2                      | 12,900                    | 53.6                      | 319.0                      | 11,200                    | 175                       |
| 180                       | 46.9                      | 302.5                      | 14,600*                   | 48.3                      | 306.2                      | 13,700                    | 50.2                      | 311.0                      | 12,000                    | 52.1                      | 315.1                      | 10,400                    | 180                       |
| 185                       | 45.2                      | 297.6                      | 13,900*                   | 46.6                      | 301.4                      | 12,800                    | 48.7                      | 306.6                      | 11,200                    | 50.6                      | 311.0                      | 9,600                     | 185                       |
| 190                       | 43.5                      | 292.3                      | 13,000                    | 45.0                      | 296.4                      | 12,000                    | 47.0                      | 301.9                      | 10,400                    | 49.0                      | 306.6                      | 8,900                     | 190                       |
| 195                       | 41.7                      | 286.7                      | 12,200                    | 43.2                      | 291.1                      | 11,200                    | 45.4                      | 297.0                      | 9,700                     | 47.4                      | 302.0                      | 8,200                     | 195                       |
| 200                       | 39.9                      | 280.7                      | 11,500                    | 41.5                      | 285.4                      | 10,500                    | 43.7                      | 291.7                      | 9,000                     | 45.8                      | 297.1                      | 7,500                     | 200                       |
| 205                       | 38.0                      | 274.3                      | 10,700                    | 39.6                      | 279.4                      | 9,800                     | 41.9                      | 286.1                      | 8,300                     | 44.1                      | 292.0                      | 6,900                     | 205                       |
| 210                       | 36.0                      | 267.5                      | 10,000                    | 37.7                      | 272.9                      | 9,100                     | 40.1                      | 280.2                      | 7,700                     | 42.3                      | 286.5                      | 6,300                     | 210                       |
| 215                       | 33.9                      | 260.0                      | 9,400                     | 35.7                      | 266.0                      | 8,500                     | 38.2                      | 273.9                      | 7,100                     | 40.5                      | 280.6                      | 5,800                     | 215                       |
| 220                       | 31.6                      | 252.0                      | 8,800                     | 33.5                      | 258.5                      | 7,900                     | 36.2                      | 267.0                      | 6,500                     | 38.6                      | 274.4                      | 5,200                     | 220                       |
| 225                       | 29.2                      | 243.2                      | 8,100                     | 31.3                      | 250.3                      | 7,300                     | 34.1                      | 259.7                      | 6,000                     | 36.6                      | 267.7                      | 4,700                     | 225                       |
| 230                       | 26.6                      | 233.4                      | 7,600                     | 28.8                      | 241.3                      | 6,700                     | 31.8                      | 251.7                      | 5,500                     | 34.6                      | 260.4                      | 4,200                     | 230                       |
| 235                       | 23.8                      | 222.3                      | 7,000                     | 26.2                      | 231.4                      | 6,200                     | 29.5                      | 242.9                      | 5,000                     |                           |                            |                           | 235                       |
| 240                       | 20.5                      | 209.4                      | 6,500                     | 23.3                      | 220.0                      | 5,700                     | 26.9                      | 233.2                      | 4,500                     |                           |                            |                           | 240                       |
| 245                       | 16.6                      | 193.7                      | 5,900                     | 19.9                      | 206.8                      | 5,200                     | 24.0                      | 222.3                      | 4,000                     |                           |                            |                           | 245                       |
| 250                       | 11.4                      | 172.3                      | 5,400                     | 15.9                      | 190.5                      | 4,700                     |                           |                            |                           |                           |                            |                           | 250                       |
| 255                       |                           |                            |                           | 10.3                      | 167.3                      | 4,200                     |                           |                            |                           |                           |                            |                           | 255                       |





# Liftcrane Fixed Jib Capacities

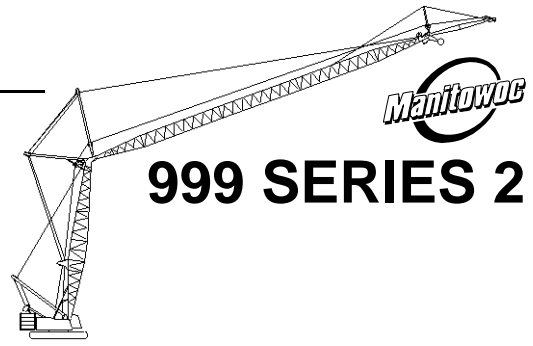
## 999 SERIES 2

New York City Code  
Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

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

### 120 Ft. Boom, 210 Ft. Luffing Jib, 40 Ft. Fixed Jib

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | 80 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 85                        | 73.9                      | 369.7                      | 26,100*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 85                        |
| 90                        | 72.8                      | 368.1                      | 25,400*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 71.6                      | 366.4                      | 25,200*                   | 72.6                      | 367.5                      | 29,400*                   |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 70.4                      | 364.6                      | 24,900*                   | 71.4                      | 365.8                      | 29,300*                   |                           |                            |                           |                           |                            |                           | 100                       |
| 105                       | 69.1                      | 362.7                      | 24,700*                   | 70.2                      | 364.0                      | 29,100*                   |                           |                            |                           |                           |                            |                           | 105                       |
| 110                       | 67.9                      | 360.6                      | 24,500*                   | 68.9                      | 362.0                      | 28,900*                   |                           |                            |                           |                           |                            |                           | 110                       |
| 115                       | 66.7                      | 358.4                      | 24,300*                   | 67.7                      | 360.0                      | 28,600*                   | 69.2                      | 361.8                      | 28,600*                   |                           |                            |                           | 115                       |
| 120                       | 65.4                      | 356.1                      | 24,000*                   | 66.5                      | 357.8                      | 27,700*                   | 68.0                      | 359.8                      | 27,000                    |                           |                            |                           | 120                       |
| 125                       | 64.2                      | 353.7                      | 23,600*                   | 65.2                      | 355.4                      | 26,600*                   | 66.8                      | 357.6                      | 25,100                    |                           |                            |                           | 125                       |
| 130                       | 62.9                      | 351.1                      | 22,600*                   | 64.0                      | 353.0                      | 25,600*                   | 65.5                      | 355.3                      | 23,300                    |                           |                            |                           | 130                       |
| 135                       | 61.6                      | 348.4                      | 21,700*                   | 62.7                      | 350.4                      | 24,000                    | 64.3                      | 352.9                      | 21,700                    | 65.8                      | 354.8                      | 19,500                    | 135                       |
| 140                       | 60.3                      | 345.5                      | 20,800*                   | 61.4                      | 347.6                      | 22,400                    | 63.0                      | 350.3                      | 20,300                    | 64.6                      | 352.4                      | 18,100                    | 140                       |
| 145                       | 59.0                      | 342.4                      | 19,900*                   | 60.1                      | 344.7                      | 21,000                    | 61.7                      | 347.6                      | 18,900                    | 63.3                      | 349.9                      | 16,800                    | 145                       |
| 150                       | 57.6                      | 339.3                      | 19,100*                   | 58.7                      | 341.6                      | 19,600                    | 60.4                      | 344.7                      | 17,600                    | 62.0                      | 347.2                      | 15,600                    | 150                       |
| 155                       | 56.2                      | 335.9                      | 18,200*                   | 57.4                      | 338.4                      | 18,400                    | 59.1                      | 341.7                      | 16,400                    | 60.7                      | 344.4                      | 14,500                    | 155                       |
| 160                       | 54.9                      | 332.3                      | 17,400*                   | 56.0                      | 335.0                      | 17,200                    | 57.7                      | 338.5                      | 15,300                    | 59.4                      | 341.4                      | 13,400                    | 160                       |
| 165                       | 53.4                      | 328.6                      | 16,700*                   | 54.6                      | 331.4                      | 16,100                    | 56.4                      | 335.2                      | 14,300                    | 58.0                      | 338.2                      | 12,400                    | 165                       |
| 170                       | 52.0                      | 324.7                      | 15,900*                   | 53.2                      | 327.7                      | 15,100                    | 55.0                      | 331.6                      | 13,300                    | 56.7                      | 334.9                      | 11,500                    | 170                       |
| 175                       | 50.5                      | 320.5                      | 15,200*                   | 51.8                      | 323.7                      | 14,100                    | 53.6                      | 327.9                      | 12,400                    | 55.3                      | 331.4                      | 10,700                    | 175                       |
| 180                       | 49.0                      | 316.2                      | 14,300                    | 50.3                      | 319.5                      | 13,200                    | 52.1                      | 324.0                      | 11,500                    | 53.9                      | 327.8                      | 9,900                     | 180                       |
| 185                       | 47.5                      | 311.6                      | 13,400                    | 48.8                      | 315.1                      | 12,300                    | 50.7                      | 319.9                      | 10,700                    | 52.5                      | 323.9                      | 9,100                     | 185                       |
| 190                       | 45.9                      | 306.7                      | 12,600                    | 47.2                      | 310.5                      | 11,500                    | 49.1                      | 315.5                      | 9,900                     | 51.0                      | 319.8                      | 8,400                     | 190                       |
| 195                       | 44.3                      | 301.6                      | 11,800                    | 45.6                      | 305.6                      | 10,700                    | 47.6                      | 311.0                      | 9,200                     | 49.5                      | 315.6                      | 7,700                     | 195                       |
| 200                       | 42.6                      | 296.1                      | 11,000                    | 44.0                      | 300.4                      | 10,000                    | 46.0                      | 306.1                      | 8,500                     | 48.0                      | 311.0                      | 7,000                     | 200                       |
| 205                       | 40.9                      | 290.4                      | 10,300                    | 42.3                      | 294.9                      | 9,300                     | 44.4                      | 301.0                      | 7,800                     | 46.4                      | 306.3                      | 6,400                     | 205                       |
| 210                       | 39.1                      | 284.2                      | 9,600                     | 40.6                      | 289.1                      | 8,600                     | 42.7                      | 295.6                      | 7,200                     | 44.8                      | 301.2                      | 5,800                     | 210                       |
| 215                       | 37.2                      | 277.6                      | 8,900                     | 38.8                      | 282.9                      | 8,000                     | 41.0                      | 289.8                      | 6,600                     | 43.1                      | 295.9                      | 5,200                     | 215                       |
| 220                       | 35.2                      | 270.6                      | 8,300                     | 36.9                      | 276.2                      | 7,400                     | 39.2                      | 283.7                      | 6,000                     | 41.4                      | 290.2                      | 4,700                     | 220                       |
| 225                       | 33.2                      | 263.0                      | 7,700                     | 34.9                      | 269.1                      | 6,800                     | 37.4                      | 277.2                      | 5,500                     | 39.7                      | 284.2                      | 4,200                     | 225                       |
| 230                       | 31.0                      | 254.7                      | 7,100                     | 32.8                      | 261.4                      | 6,300                     | 35.4                      | 270.2                      | 5,000                     |                           |                            |                           | 230                       |
| 235                       | 28.6                      | 245.7                      | 6,500                     | 30.6                      | 253.0                      | 5,700                     | 33.3                      | 262.6                      | 4,500                     |                           |                            |                           | 235                       |
| 240                       | 26.1                      | 235.6                      | 6,000                     | 28.2                      | 243.8                      | 5,200                     | 31.2                      | 254.4                      | 4,000                     |                           |                            |                           | 240                       |
| 245                       | 23.3                      | 224.3                      | 5,500                     | 25.6                      | 233.6                      | 4,700                     |                           |                            |                           |                           |                            |                           | 245                       |
| 250                       | 20.1                      | 211.2                      | 5,000                     | 22.8                      | 222.0                      | 4,200                     |                           |                            |                           |                           |                            |                           | 250                       |
| 255                       | 16.3                      | 195.1                      | 4,500                     |                           |                            |                           |                           |                            |                           |                           |                            |                           | 255                       |
| 260                       | 11.2                      | 173.2                      | 4,000                     |                           |                            |                           |                           |                            |                           |                           |                            |                           | 260                       |



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

New York City Code  
 Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82  
 184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

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

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | 80 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 75                        | 74.9                      | 341.6                      | 29,300*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 75                        |
| 80                        | 73.6                      | 340.1                      | 29,100*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 80                        |
| 85                        | 72.2                      | 338.4                      | 29,000*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 85                        |
| 90                        | 70.8                      | 336.6                      | 28,800*                   | 72.0                      | 337.8                      | 33,400*                   |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 69.4                      | 334.7                      | 28,700*                   | 70.6                      | 336.0                      | 33,000*                   |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 68.1                      | 332.6                      | 28,500*                   | 69.2                      | 334.1                      | 32,600*                   |                           |                            |                           |                           |                            |                           | 100                       |
| 105                       | 66.6                      | 330.4                      | 28,300*                   | 67.8                      | 332.0                      | 32,300*                   | 69.6                      | 333.9                      | 32,800*                   |                           |                            |                           | 105                       |
| 110                       | 65.2                      | 328.1                      | 28,100*                   | 66.4                      | 329.7                      | 31,100*                   | 68.2                      | 331.8                      | 32,500*                   |                           |                            |                           | 110                       |
| 115                       | 63.8                      | 325.5                      | 27,900*                   | 65.0                      | 327.4                      | 29,700*                   | 66.8                      | 329.6                      | 31,500                    |                           |                            |                           | 115                       |
| 120                       | 62.3                      | 322.9                      | 26,800*                   | 63.5                      | 324.8                      | 28,300*                   | 65.3                      | 327.2                      | 29,400                    |                           |                            |                           | 120                       |
| 125                       | 60.8                      | 320.0                      | 25,600*                   | 62.1                      | 322.1                      | 27,100*                   | 63.9                      | 324.7                      | 27,500                    | 65.7                      | 326.8                      | 25,100                    | 125                       |
| 130                       | 59.3                      | 317.0                      | 24,300*                   | 60.6                      | 319.2                      | 26,000*                   | 62.4                      | 322.1                      | 25,700                    | 64.3                      | 324.3                      | 23,400                    | 130                       |
| 135                       | 57.8                      | 313.8                      | 23,100*                   | 59.1                      | 316.2                      | 24,900*                   | 61.0                      | 319.2                      | 24,100                    | 62.8                      | 321.7                      | 21,900                    | 135                       |
| 140                       | 56.3                      | 310.4                      | 21,900*                   | 57.6                      | 312.9                      | 23,900*                   | 59.5                      | 316.2                      | 22,600                    | 61.3                      | 318.9                      | 20,500                    | 140                       |
| 145                       | 54.7                      | 306.8                      | 20,800*                   | 56.0                      | 309.5                      | 22,900*                   | 57.9                      | 313.0                      | 21,200                    | 59.8                      | 315.9                      | 19,200                    | 145                       |
| 150                       | 53.0                      | 303.0                      | 19,700*                   | 54.4                      | 305.9                      | 21,900                    | 56.4                      | 309.7                      | 19,900                    | 58.3                      | 312.8                      | 18,000                    | 150                       |
| 155                       | 51.4                      | 298.9                      | 18,700*                   | 52.8                      | 302.0                      | 20,600                    | 54.8                      | 306.1                      | 18,700                    | 56.8                      | 309.4                      | 16,900                    | 155                       |
| 160                       | 49.7                      | 294.6                      | 17,700*                   | 51.1                      | 297.9                      | 19,500                    | 53.2                      | 302.3                      | 17,600                    | 55.2                      | 305.9                      | 15,800                    | 160                       |
| 165                       | 48.0                      | 290.0                      | 16,800*                   | 49.4                      | 293.6                      | 18,400                    | 51.5                      | 298.2                      | 16,600                    | 53.6                      | 302.2                      | 14,800                    | 165                       |
| 170                       | 46.2                      | 285.2                      | 15,900*                   | 47.7                      | 289.0                      | 17,300                    | 49.8                      | 294.0                      | 15,600                    | 51.9                      | 298.2                      | 13,900                    | 170                       |
| 175                       | 44.3                      | 280.0                      | 15,100*                   | 45.9                      | 284.1                      | 16,300                    | 48.1                      | 289.4                      | 14,700                    | 50.2                      | 294.0                      | 13,000                    | 175                       |
| 180                       | 42.4                      | 274.5                      | 14,300*                   | 44.0                      | 278.8                      | 15,400                    | 46.3                      | 284.6                      | 13,800                    | 48.5                      | 289.5                      | 12,200                    | 180                       |
| 185                       | 40.4                      | 268.5                      | 13,600*                   | 42.1                      | 273.2                      | 14,500                    | 44.5                      | 279.4                      | 13,000                    | 46.7                      | 284.7                      | 11,400                    | 185                       |
| 190                       | 38.3                      | 262.2                      | 12,900*                   | 40.1                      | 267.2                      | 13,700                    | 42.5                      | 273.9                      | 12,200                    | 44.9                      | 279.7                      | 10,700                    | 190                       |
| 195                       | 36.1                      | 255.3                      | 12,200*                   | 38.0                      | 260.8                      | 12,900                    | 40.6                      | 268.0                      | 11,400                    | 43.0                      | 274.2                      | 10,000                    | 195                       |
| 200                       | 33.8                      | 247.8                      | 11,700*                   | 35.7                      | 253.8                      | 12,200                    | 38.5                      | 261.7                      | 10,700                    | 41.0                      | 268.4                      | 9,300                     | 200                       |
| 205                       | 31.3                      | 239.6                      | 11,100*                   | 33.4                      | 246.2                      | 11,500                    | 36.3                      | 254.9                      | 10,100                    | 39.0                      | 262.2                      | 8,700                     | 205                       |
| 210                       | 28.6                      | 230.4                      | 10,600*                   | 30.9                      | 237.8                      | 10,800                    | 34.0                      | 247.4                      | 9,400                     | 36.8                      | 255.5                      | 8,100                     | 210                       |
| 215                       | 25.7                      | 220.2                      | 10,200*                   | 28.2                      | 228.5                      | 10,100                    | 31.5                      | 239.3                      | 8,800                     | 34.6                      | 248.2                      | 7,500                     | 215                       |
| 220                       | 22.4                      | 208.3                      | 9,800*                    | 25.2                      | 218.0                      | 9,500                     | 28.9                      | 230.2                      | 8,200                     | 32.1                      | 240.2                      | 6,900                     | 220                       |
| 225                       | 18.5                      | 193.9                      | 9,500*                    | 21.8                      | 205.8                      | 8,900                     | 26.0                      | 220.1                      | 7,700                     | 29.5                      | 231.4                      | 6,400                     | 225                       |
| 230                       | 13.4                      | 174.8                      | 9,100                     | 17.7                      | 190.9                      | 8,300                     | 22.7                      | 208.3                      | 7,100                     | 26.7                      | 221.6                      | 5,900                     | 230                       |
| 235                       |                           |                            |                           | 12.3                      | 170.5                      | 7,700                     | 18.8                      | 194.2                      | 6,600                     | 23.5                      | 210.3                      | 5,400                     | 235                       |
| 240                       |                           |                            |                           |                           |                            |                           | 13.9                      | 175.7                      | 6,100                     | 19.8                      | 196.8                      | 4,900                     | 240                       |
| 245                       |                           |                            |                           |                           |                            |                           | 4.6                       | 140.2                      | 5,500                     | 15.2                      | 179.7                      | 4,500                     | 245                       |
| 250                       |                           |                            |                           |                           |                            |                           |                           |                            |                           | 8.1                       | 152.5                      | 4,000                     | 250                       |



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

New York City Code  
 Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82  
 184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

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

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | 80 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 80                        | 74.3                      | 350.6                      | 27,500*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 80                        |
| 85                        | 73.0                      | 349.0                      | 27,400*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 85                        |
| 90                        | 71.7                      | 347.3                      | 27,300*                   | 72.8                      | 348.4                      | 31,600*                   |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 70.4                      | 345.4                      | 27,100*                   | 71.5                      | 346.7                      | 31,500*                   |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 69.1                      | 343.5                      | 26,900*                   | 70.2                      | 344.8                      | 31,300*                   |                           |                            |                           |                           |                            |                           | 100                       |
| 105                       | 67.7                      | 341.4                      | 26,800*                   | 68.8                      | 342.8                      | 31,200*                   |                           |                            |                           |                           |                            |                           | 105                       |
| 110                       | 66.4                      | 339.1                      | 26,600*                   | 67.5                      | 340.7                      | 29,800*                   | 69.2                      | 342.6                      | 30,900*                   |                           |                            |                           | 110                       |
| 115                       | 65.0                      | 336.7                      | 26,400*                   | 66.1                      | 338.4                      | 28,400*                   | 67.8                      | 340.5                      | 30,500*                   |                           |                            |                           | 115                       |
| 120                       | 63.6                      | 334.2                      | 25,800*                   | 64.8                      | 336.0                      | 27,200*                   | 66.5                      | 338.3                      | 28,800                    |                           |                            |                           | 120                       |
| 125                       | 62.2                      | 331.5                      | 24,700*                   | 63.4                      | 333.5                      | 26,000*                   | 65.1                      | 335.9                      | 26,800                    | 66.8                      | 337.8                      | 24,400                    | 125                       |
| 130                       | 60.8                      | 328.7                      | 23,700*                   | 62.0                      | 330.8                      | 24,900*                   | 63.7                      | 333.4                      | 25,100                    | 65.4                      | 335.5                      | 22,800                    | 130                       |
| 135                       | 59.4                      | 325.7                      | 22,600*                   | 60.6                      | 327.9                      | 23,900*                   | 62.3                      | 330.7                      | 23,500                    | 64.1                      | 333.0                      | 21,200                    | 135                       |
| 140                       | 57.9                      | 322.5                      | 21,600*                   | 59.1                      | 324.8                      | 22,900*                   | 60.9                      | 327.9                      | 22,000                    | 62.7                      | 330.3                      | 19,800                    | 140                       |
| 145                       | 56.4                      | 319.1                      | 20,500*                   | 57.7                      | 321.6                      | 22,000*                   | 59.5                      | 324.9                      | 20,600                    | 61.3                      | 327.5                      | 18,500                    | 145                       |
| 150                       | 54.9                      | 315.5                      | 19,500*                   | 56.2                      | 318.2                      | 21,200*                   | 58.0                      | 321.7                      | 19,300                    | 59.8                      | 324.6                      | 17,300                    | 150                       |
| 155                       | 53.4                      | 311.7                      | 18,500*                   | 54.7                      | 314.6                      | 20,100                    | 56.5                      | 318.4                      | 18,100                    | 58.4                      | 321.5                      | 16,200                    | 155                       |
| 160                       | 51.8                      | 307.7                      | 17,600*                   | 53.1                      | 310.8                      | 18,900                    | 55.0                      | 314.8                      | 17,000                    | 56.9                      | 318.1                      | 15,200                    | 160                       |
| 165                       | 50.2                      | 303.5                      | 16,700*                   | 51.5                      | 306.8                      | 17,800                    | 53.5                      | 311.1                      | 16,000                    | 55.4                      | 314.6                      | 14,200                    | 165                       |
| 170                       | 48.5                      | 299.0                      | 15,900*                   | 49.9                      | 302.5                      | 16,700                    | 51.9                      | 307.1                      | 15,000                    | 53.9                      | 310.9                      | 13,200                    | 170                       |
| 175                       | 46.8                      | 294.3                      | 15,100*                   | 48.2                      | 298.0                      | 15,800                    | 50.3                      | 302.9                      | 14,100                    | 52.3                      | 307.0                      | 12,400                    | 175                       |
| 180                       | 45.1                      | 289.3                      | 14,300*                   | 46.5                      | 293.2                      | 14,800                    | 48.7                      | 298.4                      | 13,200                    | 50.7                      | 302.9                      | 11,600                    | 180                       |
| 185                       | 43.3                      | 283.9                      | 13,600*                   | 44.8                      | 288.1                      | 14,000                    | 47.0                      | 293.7                      | 12,400                    | 49.1                      | 298.5                      | 10,800                    | 185                       |
| 190                       | 41.4                      | 278.2                      | 13,000*                   | 43.0                      | 282.7                      | 13,100                    | 45.2                      | 288.7                      | 11,600                    | 47.4                      | 293.8                      | 10,000                    | 190                       |
| 195                       | 39.4                      | 272.0                      | 12,300*                   | 41.1                      | 276.9                      | 12,400                    | 43.4                      | 283.3                      | 10,900                    | 45.6                      | 288.9                      | 9,400                     | 195                       |
| 200                       | 37.4                      | 265.5                      | 11,800*                   | 39.1                      | 270.7                      | 11,600                    | 41.6                      | 277.7                      | 10,200                    | 43.9                      | 283.6                      | 8,700                     | 200                       |
| 205                       | 35.3                      | 258.4                      | 11,200*                   | 37.1                      | 264.0                      | 10,900                    | 39.6                      | 271.6                      | 9,500                     | 42.0                      | 278.0                      | 8,100                     | 205                       |
| 210                       | 33.0                      | 250.7                      | 10,700*                   | 34.9                      | 256.9                      | 10,200                    | 37.6                      | 265.0                      | 8,800                     | 40.1                      | 272.0                      | 7,500                     | 210                       |
| 215                       | 30.6                      | 242.2                      | 10,200*                   | 32.6                      | 249.0                      | 9,600                     | 35.5                      | 258.0                      | 8,200                     | 38.1                      | 265.6                      | 6,900                     | 215                       |
| 220                       | 28.0                      | 232.8                      | 9,800*                    | 30.2                      | 240.4                      | 9,000                     | 33.2                      | 250.3                      | 7,700                     | 36.0                      | 258.7                      | 6,300                     | 220                       |
| 225                       | 25.1                      | 222.3                      | 9,200                     | 27.5                      | 230.9                      | 8,400                     | 30.8                      | 241.9                      | 7,100                     | 33.8                      | 251.2                      | 5,800                     | 225                       |
| 230                       | 21.9                      | 210.1                      | 8,600                     | 24.6                      | 220.1                      | 7,800                     | 28.2                      | 232.7                      | 6,600                     | 31.4                      | 243.0                      | 5,300                     | 230                       |
| 235                       | 18.0                      | 195.4                      | 8,100                     | 21.3                      | 207.6                      | 7,300                     | 25.4                      | 222.2                      | 6,000                     | 28.8                      | 233.9                      | 4,800                     | 235                       |
| 240                       | 13.1                      | 175.8                      | 7,500                     | 17.3                      | 192.3                      | 6,700                     | 22.1                      | 210.2                      | 5,500                     | 26.1                      | 223.8                      | 4,400                     | 240                       |
| 245                       |                           |                            |                           | 12.0                      | 171.4                      | 6,200                     | 18.4                      | 195.7                      | 5,100                     |                           |                            |                           | 245                       |
| 250                       |                           |                            |                           |                           |                            |                           | 13.5                      | 176.8                      | 4,600                     |                           |                            |                           | 250                       |
| 255                       |                           |                            |                           |                           |                            |                           | 4.5                       | 140.4                      | 4,000                     |                           |                            |                           | 255                       |



# Liftcrane Fixed Jib Capacities

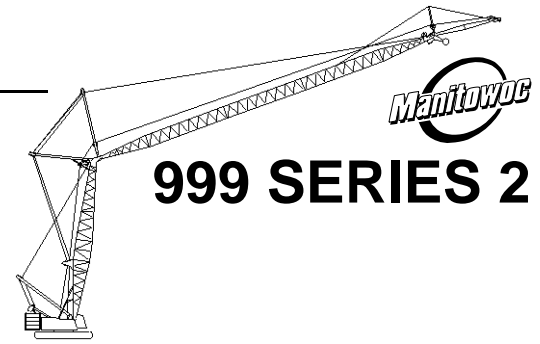
## 999 SERIES 2

New York City Code  
 Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82  
 184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 120 Ft. Boom, 190 Ft. Luffing Jib, 50 Ft. Fixed Jib

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | 80 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 80                        | 74.9                      | 361.0                      | 25,900*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 80                        |
| 85                        | 73.7                      | 359.5                      | 25,800*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 85                        |
| 90                        | 72.5                      | 357.9                      | 25,600*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 71.2                      | 356.1                      | 25,500*                   | 72.3                      | 357.3                      | 29,600*                   |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 70.0                      | 354.2                      | 25,300*                   | 71.0                      | 355.5                      | 29,500*                   |                           |                            |                           |                           |                            |                           | 100                       |
| 105                       | 68.7                      | 352.2                      | 25,200*                   | 69.8                      | 353.6                      | 29,300*                   |                           |                            |                           |                           |                            |                           | 105                       |
| 110                       | 67.4                      | 350.1                      | 25,000*                   | 68.5                      | 351.6                      | 29,200*                   |                           |                            |                           |                           |                            |                           | 110                       |
| 115                       | 66.1                      | 347.8                      | 24,800*                   | 67.2                      | 349.4                      | 29,100*                   | 68.8                      | 351.4                      | 28,900*                   |                           |                            |                           | 115                       |
| 120                       | 64.8                      | 345.4                      | 24,700*                   | 65.9                      | 347.1                      | 28,000*                   | 67.5                      | 349.3                      | 28,300                    |                           |                            |                           | 120                       |
| 125                       | 63.5                      | 342.9                      | 24,100*                   | 64.6                      | 344.7                      | 26,900*                   | 66.2                      | 347.0                      | 26,400                    |                           |                            |                           | 125                       |
| 130                       | 62.1                      | 340.2                      | 23,100*                   | 63.3                      | 342.1                      | 25,800*                   | 64.9                      | 344.6                      | 24,700                    | 66.5                      | 346.5                      | 22,300                    | 130                       |
| 135                       | 60.8                      | 337.3                      | 22,100*                   | 61.9                      | 339.4                      | 24,800*                   | 63.6                      | 342.1                      | 23,100                    | 65.2                      | 344.2                      | 20,800                    | 135                       |
| 140                       | 59.4                      | 334.3                      | 21,100*                   | 60.5                      | 336.5                      | 23,700                    | 62.2                      | 339.4                      | 21,600                    | 63.9                      | 341.7                      | 19,400                    | 140                       |
| 145                       | 58.0                      | 331.1                      | 20,100*                   | 59.2                      | 333.5                      | 22,300                    | 60.9                      | 336.6                      | 20,200                    | 62.6                      | 339.0                      | 18,100                    | 145                       |
| 150                       | 56.6                      | 327.8                      | 19,200*                   | 57.8                      | 330.3                      | 20,900                    | 59.5                      | 333.6                      | 18,900                    | 61.2                      | 336.2                      | 16,900                    | 150                       |
| 155                       | 55.1                      | 324.2                      | 18,300*                   | 56.3                      | 326.9                      | 19,600                    | 58.1                      | 330.4                      | 17,700                    | 59.8                      | 333.2                      | 15,800                    | 155                       |
| 160                       | 53.7                      | 320.5                      | 17,400*                   | 54.9                      | 323.3                      | 18,500                    | 56.7                      | 327.1                      | 16,600                    | 58.5                      | 330.1                      | 14,700                    | 160                       |
| 165                       | 52.1                      | 316.6                      | 16,600*                   | 53.4                      | 319.6                      | 17,400                    | 55.2                      | 323.5                      | 15,600                    | 57.0                      | 326.8                      | 13,800                    | 165                       |
| 170                       | 50.6                      | 312.4                      | 15,800*                   | 51.9                      | 315.6                      | 16,300                    | 53.8                      | 319.8                      | 14,600                    | 55.6                      | 323.3                      | 12,800                    | 170                       |
| 175                       | 49.0                      | 308.0                      | 15,100*                   | 50.4                      | 311.4                      | 15,300                    | 52.3                      | 315.9                      | 13,600                    | 54.1                      | 319.7                      | 12,000                    | 175                       |
| 180                       | 47.4                      | 303.4                      | 14,300*                   | 48.8                      | 307.0                      | 14,400                    | 50.7                      | 311.8                      | 12,800                    | 52.6                      | 315.8                      | 11,100                    | 180                       |
| 185                       | 45.8                      | 298.5                      | 13,700*                   | 47.2                      | 302.3                      | 13,600                    | 49.2                      | 307.4                      | 12,000                    | 51.1                      | 311.7                      | 10,400                    | 185                       |
| 190                       | 44.1                      | 293.2                      | 13,000*                   | 45.5                      | 297.3                      | 12,700                    | 47.6                      | 302.8                      | 11,200                    | 49.6                      | 307.4                      | 9,600                     | 190                       |
| 195                       | 42.3                      | 287.7                      | 12,400*                   | 43.8                      | 292.0                      | 12,000                    | 45.9                      | 297.9                      | 10,400                    | 48.0                      | 302.8                      | 8,900                     | 195                       |
| 200                       | 40.5                      | 281.8                      | 11,800*                   | 42.0                      | 286.4                      | 11,200                    | 44.2                      | 292.7                      | 9,700                     | 46.3                      | 298.0                      | 8,300                     | 200                       |
| 205                       | 38.6                      | 275.5                      | 11,300*                   | 40.2                      | 280.5                      | 10,500                    | 42.5                      | 287.2                      | 9,100                     | 44.6                      | 292.9                      | 7,700                     | 205                       |
| 210                       | 36.6                      | 268.7                      | 10,800*                   | 38.3                      | 274.1                      | 9,800                     | 40.6                      | 281.3                      | 8,400                     | 42.9                      | 287.5                      | 7,100                     | 210                       |
| 215                       | 34.5                      | 261.4                      | 10,200                    | 36.2                      | 267.2                      | 9,200                     | 38.7                      | 275.0                      | 7,800                     | 41.1                      | 281.7                      | 6,500                     | 215                       |
| 220                       | 32.3                      | 253.5                      | 9,500                     | 34.1                      | 259.8                      | 8,600                     | 36.8                      | 268.3                      | 7,300                     | 39.2                      | 275.5                      | 5,900                     | 220                       |
| 225                       | 29.9                      | 244.8                      | 8,900                     | 31.9                      | 251.8                      | 8,000                     | 34.7                      | 261.0                      | 6,700                     | 37.2                      | 268.9                      | 5,400                     | 225                       |
| 230                       | 27.4                      | 235.2                      | 8,300                     | 29.5                      | 243.0                      | 7,400                     | 32.5                      | 253.2                      | 6,200                     | 35.2                      | 261.8                      | 4,900                     | 230                       |
| 235                       | 24.5                      | 224.4                      | 7,800                     | 26.9                      | 233.2                      | 6,900                     | 30.1                      | 244.5                      | 5,700                     | 33.0                      | 254.0                      | 4,400                     | 235                       |
| 240                       | 21.4                      | 211.9                      | 7,200                     | 24.1                      | 222.2                      | 6,400                     | 27.6                      | 235.0                      | 5,200                     | 30.7                      | 245.6                      | 4,000                     | 240                       |
| 245                       | 17.6                      | 196.8                      | 6,700                     | 20.8                      | 209.3                      | 5,900                     | 24.8                      | 224.3                      | 4,700                     |                           |                            |                           | 245                       |
| 250                       | 12.8                      | 176.8                      | 6,200                     | 16.9                      | 193.7                      | 5,400                     | 21.7                      | 212.0                      | 4,200                     |                           |                            |                           | 250                       |
| 255                       |                           |                            |                           | 11.7                      | 172.4                      | 4,900                     |                           |                            |                           |                           |                            |                           | 255                       |



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

New York City Code  
Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

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

### 120 Ft. Boom, 200 Ft. Luffing Jib, 50 Ft. Fixed Jib

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | 80 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 85                        | 74.4                      | 369.9                      | 24,100*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 85                        |
| 90                        | 73.2                      | 368.4                      | 24,000*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 72.0                      | 366.7                      | 23,900*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 70.8                      | 364.9                      | 23,700*                   | 71.8                      | 366.1                      | 27,500*                   |                           |                            |                           |                           |                            |                           | 100                       |
| 105                       | 69.6                      | 363.0                      | 23,500*                   | 70.6                      | 364.3                      | 27,400*                   |                           |                            |                           |                           |                            |                           | 105                       |
| 110                       | 68.4                      | 361.0                      | 23,400*                   | 69.4                      | 362.4                      | 27,300*                   |                           |                            |                           |                           |                            |                           | 110                       |
| 115                       | 67.1                      | 358.8                      | 23,200*                   | 68.2                      | 360.3                      | 27,200*                   | 69.7                      | 362.2                      | 27,000*                   |                           |                            |                           | 115                       |
| 120                       | 65.9                      | 356.5                      | 23,000*                   | 66.9                      | 358.2                      | 27,000*                   | 68.5                      | 360.1                      | 26,900*                   |                           |                            |                           | 120                       |
| 125                       | 64.6                      | 354.1                      | 22,900*                   | 65.7                      | 355.8                      | 25,900*                   | 67.2                      | 358.0                      | 25,900                    |                           |                            |                           | 125                       |
| 130                       | 63.3                      | 351.5                      | 22,300*                   | 64.4                      | 353.4                      | 24,900*                   | 66.0                      | 355.7                      | 24,100                    |                           |                            |                           | 130                       |
| 135                       | 62.0                      | 348.8                      | 21,400*                   | 63.1                      | 350.8                      | 23,900*                   | 64.7                      | 353.3                      | 22,500                    | 66.3                      | 355.2                      | 20,200                    | 135                       |
| 140                       | 60.7                      | 346.0                      | 20,500*                   | 61.8                      | 348.1                      | 23,000*                   | 63.4                      | 350.7                      | 21,000                    | 65.0                      | 352.8                      | 18,800                    | 140                       |
| 145                       | 59.4                      | 343.0                      | 19,600*                   | 60.5                      | 345.2                      | 21,800                    | 62.2                      | 348.1                      | 19,600                    | 63.8                      | 350.3                      | 17,500                    | 145                       |
| 150                       | 58.1                      | 339.8                      | 18,800*                   | 59.2                      | 342.2                      | 20,400                    | 60.9                      | 345.2                      | 18,400                    | 62.5                      | 347.7                      | 16,300                    | 150                       |
| 155                       | 56.7                      | 336.5                      | 18,000*                   | 57.9                      | 339.0                      | 19,100                    | 59.5                      | 342.2                      | 17,200                    | 61.2                      | 344.9                      | 15,200                    | 155                       |
| 160                       | 55.3                      | 333.0                      | 17,200*                   | 56.5                      | 335.6                      | 18,000                    | 58.2                      | 339.1                      | 16,100                    | 59.8                      | 341.9                      | 14,200                    | 160                       |
| 165                       | 53.9                      | 329.3                      | 16,400*                   | 55.1                      | 332.1                      | 16,900                    | 56.8                      | 335.8                      | 15,000                    | 58.5                      | 338.8                      | 13,200                    | 165                       |
| 170                       | 52.5                      | 325.4                      | 15,600*                   | 53.7                      | 328.4                      | 15,800                    | 55.4                      | 332.3                      | 14,000                    | 57.2                      | 335.5                      | 12,300                    | 170                       |
| 175                       | 51.0                      | 321.3                      | 14,900*                   | 52.2                      | 324.4                      | 14,800                    | 54.0                      | 328.6                      | 13,100                    | 55.8                      | 332.1                      | 11,400                    | 175                       |
| 180                       | 49.5                      | 317.0                      | 14,200*                   | 50.8                      | 320.3                      | 13,900                    | 52.6                      | 324.7                      | 12,200                    | 54.4                      | 328.4                      | 10,600                    | 180                       |
| 185                       | 48.0                      | 312.4                      | 13,600*                   | 49.3                      | 315.9                      | 13,100                    | 51.1                      | 320.6                      | 11,400                    | 52.9                      | 324.6                      | 9,800                     | 185                       |
| 190                       | 46.4                      | 307.6                      | 13,000*                   | 47.7                      | 311.3                      | 12,200                    | 49.6                      | 316.3                      | 10,600                    | 51.5                      | 320.6                      | 9,100                     | 190                       |
| 195                       | 44.8                      | 302.5                      | 12,400*                   | 46.1                      | 306.5                      | 11,500                    | 48.1                      | 311.8                      | 9,900                     | 50.0                      | 316.3                      | 8,400                     | 195                       |
| 200                       | 43.1                      | 297.1                      | 11,700                    | 44.5                      | 301.3                      | 10,700                    | 46.5                      | 307.0                      | 9,200                     | 48.5                      | 311.8                      | 7,700                     | 200                       |
| 205                       | 41.4                      | 291.4                      | 11,000                    | 42.8                      | 295.9                      | 10,000                    | 44.9                      | 301.9                      | 8,600                     | 46.9                      | 307.1                      | 7,100                     | 205                       |
| 210                       | 39.6                      | 285.3                      | 10,300                    | 41.1                      | 290.1                      | 9,300                     | 43.3                      | 296.6                      | 7,900                     | 45.3                      | 302.1                      | 6,500                     | 210                       |
| 215                       | 37.8                      | 278.8                      | 9,600                     | 39.3                      | 284.0                      | 8,700                     | 41.5                      | 290.9                      | 7,300                     | 43.7                      | 296.8                      | 5,900                     | 215                       |
| 220                       | 35.8                      | 271.9                      | 9,000                     | 37.4                      | 277.4                      | 8,100                     | 39.8                      | 284.8                      | 6,700                     | 42.0                      | 291.2                      | 5,400                     | 220                       |
| 225                       | 33.8                      | 264.4                      | 8,400                     | 35.5                      | 270.4                      | 7,500                     | 37.9                      | 278.4                      | 6,200                     | 40.2                      | 285.3                      | 4,900                     | 225                       |
| 230                       | 31.6                      | 256.2                      | 7,800                     | 33.4                      | 262.8                      | 7,000                     | 36.0                      | 271.4                      | 5,700                     | 38.4                      | 278.9                      | 4,400                     | 230                       |
| 235                       | 29.3                      | 247.3                      | 7,300                     | 31.2                      | 254.5                      | 6,400                     | 33.9                      | 264.0                      | 5,200                     |                           |                            |                           | 235                       |
| 240                       | 26.8                      | 237.5                      | 6,700                     | 28.9                      | 245.5                      | 5,900                     | 31.8                      | 255.9                      | 4,700                     |                           |                            |                           | 240                       |
| 245                       | 24.0                      | 226.4                      | 6,200                     | 26.3                      | 235.5                      | 5,400                     | 29.5                      | 247.1                      | 4,200                     |                           |                            |                           | 245                       |
| 250                       | 20.9                      | 213.7                      | 5,700                     | 23.5                      | 224.2                      | 4,900                     |                           |                            |                           |                           |                            |                           | 250                       |
| 255                       | 17.2                      | 198.2                      | 5,200                     | 20.4                      | 211.0                      | 4,400                     |                           |                            |                           |                           |                            |                           | 255                       |
| 260                       | 12.5                      | 177.8                      | 4,700                     | 16.6                      | 195.0                      | 4,000                     |                           |                            |                           |                           |                            |                           | 260                       |



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

New York City Code  
 Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82  
 184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 120 Ft. Boom, 210 Ft. Luffing Jib, 50 Ft. Fixed Jib

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | 80 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 90                        | 73.9                      | 378.9                      | 22,700*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 72.7                      | 377.3                      | 22,200*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 71.6                      | 375.6                      | 22,100*                   | 72.5                      | 376.7                      | 25,700*                   |                           |                            |                           |                           |                            |                           | 100                       |
| 105                       | 70.4                      | 373.7                      | 22,000*                   | 71.4                      | 375.0                      | 25,500*                   |                           |                            |                           |                           |                            |                           | 105                       |
| 110                       | 69.2                      | 371.8                      | 21,800*                   | 70.2                      | 373.1                      | 25,400*                   |                           |                            |                           |                           |                            |                           | 110                       |
| 115                       | 68.0                      | 369.7                      | 21,600*                   | 69.0                      | 371.2                      | 25,200*                   |                           |                            |                           |                           |                            |                           | 115                       |
| 120                       | 66.9                      | 367.5                      | 21,400*                   | 67.8                      | 369.1                      | 25,100*                   | 69.3                      | 370.9                      | 25,000*                   |                           |                            |                           | 120                       |
| 125                       | 65.7                      | 365.2                      | 21,300*                   | 66.7                      | 366.9                      | 24,700*                   | 68.1                      | 368.9                      | 24,900*                   |                           |                            |                           | 125                       |
| 130                       | 64.4                      | 362.8                      | 21,100*                   | 65.5                      | 364.5                      | 23,700*                   | 67.0                      | 366.7                      | 23,600                    |                           |                            |                           | 130                       |
| 135                       | 63.2                      | 360.2                      | 20,700*                   | 64.2                      | 362.1                      | 22,800*                   | 65.8                      | 364.4                      | 22,000                    |                           |                            |                           | 135                       |
| 140                       | 62.0                      | 357.5                      | 19,800*                   | 63.0                      | 359.5                      | 21,900*                   | 64.5                      | 362.0                      | 20,500                    | 66.0                      | 363.9                      | 18,300                    | 140                       |
| 145                       | 60.7                      | 354.6                      | 19,000*                   | 61.8                      | 356.7                      | 21,100*                   | 63.3                      | 359.4                      | 19,100                    | 64.8                      | 361.5                      | 17,000                    | 145                       |
| 150                       | 59.4                      | 351.6                      | 18,300*                   | 60.5                      | 353.9                      | 19,900                    | 62.1                      | 356.7                      | 17,800                    | 63.6                      | 359.0                      | 15,800                    | 150                       |
| 155                       | 58.2                      | 348.5                      | 17,500*                   | 59.2                      | 350.8                      | 18,600                    | 60.8                      | 353.9                      | 16,700                    | 62.4                      | 356.3                      | 14,700                    | 155                       |
| 160                       | 56.8                      | 345.2                      | 16,800*                   | 57.9                      | 347.7                      | 17,500                    | 59.5                      | 350.9                      | 15,500                    | 61.1                      | 353.5                      | 13,600                    | 160                       |
| 165                       | 55.5                      | 341.7                      | 16,100*                   | 56.6                      | 344.3                      | 16,400                    | 58.3                      | 347.7                      | 14,500                    | 59.9                      | 350.6                      | 12,700                    | 165                       |
| 170                       | 54.2                      | 338.0                      | 15,400*                   | 55.3                      | 340.8                      | 15,300                    | 57.0                      | 344.4                      | 13,500                    | 58.6                      | 347.5                      | 11,700                    | 170                       |
| 175                       | 52.8                      | 334.2                      | 14,700*                   | 53.9                      | 337.1                      | 14,300                    | 55.6                      | 341.0                      | 12,600                    | 57.3                      | 344.2                      | 10,900                    | 175                       |
| 180                       | 51.4                      | 330.1                      | 14,100*                   | 52.6                      | 333.2                      | 13,400                    | 54.3                      | 337.3                      | 11,700                    | 55.9                      | 340.8                      | 10,000                    | 180                       |
| 185                       | 49.9                      | 325.9                      | 13,400*                   | 51.1                      | 329.2                      | 12,600                    | 52.9                      | 333.5                      | 10,900                    | 54.6                      | 337.2                      | 9,300                     | 185                       |
| 190                       | 48.5                      | 321.4                      | 12,800                    | 49.7                      | 324.9                      | 11,700                    | 51.5                      | 329.5                      | 10,100                    | 53.2                      | 333.4                      | 8,500                     | 190                       |
| 195                       | 47.0                      | 316.7                      | 12,000                    | 48.2                      | 320.3                      | 11,000                    | 50.1                      | 325.2                      | 9,400                     | 51.8                      | 329.4                      | 7,900                     | 195                       |
| 200                       | 45.4                      | 311.7                      | 11,200                    | 46.7                      | 315.6                      | 10,200                    | 48.6                      | 320.8                      | 8,700                     | 50.4                      | 325.2                      | 7,200                     | 200                       |
| 205                       | 43.9                      | 306.5                      | 10,500                    | 45.2                      | 310.6                      | 9,500                     | 47.1                      | 316.1                      | 8,000                     | 49.0                      | 320.8                      | 6,600                     | 205                       |
| 210                       | 42.2                      | 300.9                      | 9,800                     | 43.6                      | 305.3                      | 8,900                     | 45.6                      | 311.1                      | 7,400                     | 47.5                      | 316.2                      | 6,000                     | 210                       |
| 215                       | 40.5                      | 295.0                      | 9,200                     | 42.0                      | 299.7                      | 8,200                     | 44.0                      | 305.9                      | 6,800                     | 45.9                      | 311.3                      | 5,400                     | 215                       |
| 220                       | 38.8                      | 288.8                      | 8,500                     | 40.3                      | 293.7                      | 7,600                     | 42.4                      | 300.4                      | 6,200                     | 44.4                      | 306.1                      | 4,900                     | 220                       |
| 225                       | 37.0                      | 282.1                      | 7,900                     | 38.5                      | 287.4                      | 7,000                     | 40.7                      | 294.5                      | 5,700                     | 42.8                      | 300.7                      | 4,400                     | 225                       |
| 230                       | 35.1                      | 274.9                      | 7,300                     | 36.7                      | 280.7                      | 6,500                     | 39.0                      | 288.3                      | 5,200                     |                           |                            |                           | 230                       |
| 235                       | 33.1                      | 267.3                      | 6,800                     | 34.8                      | 273.4                      | 5,900                     | 37.1                      | 281.7                      | 4,700                     |                           |                            |                           | 235                       |
| 240                       | 31.0                      | 258.9                      | 6,300                     | 32.7                      | 265.6                      | 5,400                     | 35.2                      | 274.6                      | 4,200                     |                           |                            |                           | 240                       |
| 245                       | 28.7                      | 249.8                      | 5,700                     | 30.6                      | 257.2                      | 4,900                     |                           |                            |                           |                           |                            |                           | 245                       |
| 250                       | 26.2                      | 239.7                      | 5,200                     | 28.3                      | 247.9                      | 4,500                     |                           |                            |                           |                           |                            |                           | 250                       |
| 255                       | 23.5                      | 228.4                      | 4,800                     | 25.8                      | 237.7                      | 4,000                     |                           |                            |                           |                           |                            |                           | 255                       |
| 260                       | 20.5                      | 215.4                      | 4,300                     |                           |                            |                           |                           |                            |                           |                           |                            |                           | 260                       |



# Liftcrane Fixed Jib Capacities

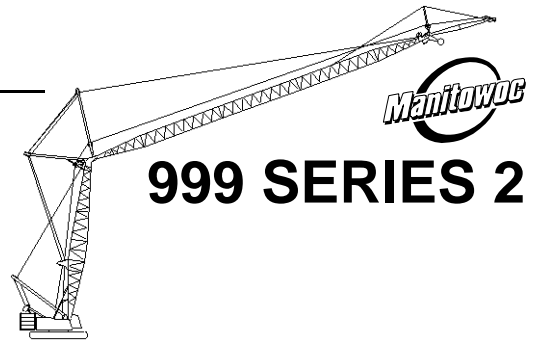
## 999 SERIES 2

New York City Code  
 Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82  
 184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

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

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | 80 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 80                        | 74.4                      | 350.6                      | 23,200*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 80                        |
| 85                        | 73.1                      | 349.0                      | 23,000*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 85                        |
| 90                        | 71.8                      | 347.3                      | 22,700*                   | 72.8                      | 348.4                      | 26,300*                   |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 70.4                      | 345.5                      | 22,500*                   | 71.5                      | 346.7                      | 26,100*                   |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 69.1                      | 343.5                      | 22,300*                   | 70.2                      | 344.9                      | 25,800*                   |                           |                            |                           |                           |                            |                           | 100                       |
| 105                       | 67.8                      | 341.4                      | 21,900*                   | 68.9                      | 342.9                      | 25,400*                   |                           |                            |                           |                           |                            |                           | 105                       |
| 110                       | 66.4                      | 339.2                      | 21,700*                   | 67.6                      | 340.7                      | 25,200*                   | 69.2                      | 342.7                      | 25,200*                   |                           |                            |                           | 110                       |
| 115                       | 65.1                      | 336.8                      | 21,400*                   | 66.2                      | 338.5                      | 24,900*                   | 67.9                      | 340.6                      | 25,000*                   |                           |                            |                           | 115                       |
| 120                       | 63.7                      | 334.2                      | 21,200*                   | 64.9                      | 336.1                      | 24,600*                   | 66.6                      | 338.3                      | 24,700*                   |                           |                            |                           | 120                       |
| 125                       | 62.3                      | 331.6                      | 21,000*                   | 63.5                      | 333.5                      | 24,300*                   | 65.2                      | 336.0                      | 24,500*                   | 66.9                      | 337.8                      | 24,300*                   | 125                       |
| 130                       | 60.9                      | 328.7                      | 20,700*                   | 62.1                      | 330.8                      | 23,800*                   | 63.8                      | 333.4                      | 24,200*                   | 65.5                      | 335.5                      | 23,400                    | 130                       |
| 135                       | 59.4                      | 325.7                      | 20,500*                   | 60.6                      | 327.9                      | 22,700*                   | 62.4                      | 330.8                      | 23,900*                   | 64.1                      | 333.0                      | 21,900                    | 135                       |
| 140                       | 58.0                      | 322.5                      | 20,200*                   | 59.2                      | 324.9                      | 21,800*                   | 61.0                      | 327.9                      | 22,700                    | 62.8                      | 330.4                      | 20,500                    | 140                       |
| 145                       | 56.5                      | 319.1                      | 19,800*                   | 57.7                      | 321.7                      | 20,900*                   | 59.6                      | 324.9                      | 21,300                    | 61.3                      | 327.6                      | 19,200                    | 145                       |
| 150                       | 55.0                      | 315.6                      | 19,000*                   | 56.2                      | 318.3                      | 20,000*                   | 58.1                      | 321.8                      | 20,000                    | 59.9                      | 324.6                      | 18,000                    | 150                       |
| 155                       | 53.4                      | 311.8                      | 18,100*                   | 54.7                      | 314.7                      | 19,200*                   | 56.6                      | 318.4                      | 18,800                    | 58.5                      | 321.5                      | 16,900                    | 155                       |
| 160                       | 51.9                      | 307.8                      | 17,200*                   | 53.2                      | 310.8                      | 18,500*                   | 55.1                      | 314.8                      | 17,700                    | 57.0                      | 318.2                      | 15,800                    | 160                       |
| 165                       | 50.3                      | 303.6                      | 16,300*                   | 51.6                      | 306.8                      | 17,800*                   | 53.6                      | 311.1                      | 16,600                    | 55.5                      | 314.7                      | 14,800                    | 165                       |
| 170                       | 48.6                      | 299.1                      | 15,500*                   | 50.0                      | 302.6                      | 17,100*                   | 52.0                      | 307.1                      | 15,700                    | 53.9                      | 311.0                      | 13,900                    | 170                       |
| 175                       | 46.9                      | 294.3                      | 14,700*                   | 48.3                      | 298.0                      | 16,400                    | 50.4                      | 302.9                      | 14,700                    | 52.4                      | 307.0                      | 13,100                    | 175                       |
| 180                       | 45.2                      | 289.3                      | 14,000*                   | 46.6                      | 293.2                      | 15,500                    | 48.7                      | 298.5                      | 13,900                    | 50.8                      | 302.9                      | 12,200                    | 180                       |
| 185                       | 43.3                      | 283.9                      | 13,200*                   | 44.9                      | 288.1                      | 14,600                    | 47.0                      | 293.7                      | 13,000                    | 49.1                      | 298.5                      | 11,500                    | 185                       |
| 190                       | 41.5                      | 278.2                      | 12,600*                   | 43.0                      | 282.7                      | 13,800                    | 45.3                      | 288.7                      | 12,300                    | 47.5                      | 293.8                      | 10,700                    | 190                       |
| 195                       | 39.5                      | 272.1                      | 11,900*                   | 41.2                      | 276.9                      | 13,000                    | 43.5                      | 283.4                      | 11,500                    | 45.7                      | 288.9                      | 10,000                    | 195                       |
| 200                       | 37.5                      | 265.5                      | 11,400*                   | 39.2                      | 270.8                      | 12,300                    | 41.6                      | 277.7                      | 10,800                    | 43.9                      | 283.6                      | 9,400                     | 200                       |
| 205                       | 35.4                      | 258.4                      | 10,800*                   | 37.2                      | 264.1                      | 11,600                    | 39.7                      | 271.6                      | 10,200                    | 42.1                      | 278.0                      | 8,700                     | 205                       |
| 210                       | 33.1                      | 250.7                      | 10,300*                   | 35.0                      | 256.9                      | 10,900                    | 37.7                      | 265.1                      | 9,500                     | 40.2                      | 272.1                      | 8,100                     | 210                       |
| 215                       | 30.7                      | 242.3                      | 9,800*                    | 32.7                      | 249.1                      | 10,300                    | 35.5                      | 258.0                      | 8,900                     | 38.2                      | 265.6                      | 7,600                     | 215                       |
| 220                       | 28.1                      | 232.9                      | 9,400*                    | 30.3                      | 240.5                      | 9,700                     | 33.3                      | 250.4                      | 8,300                     | 36.1                      | 258.7                      | 7,000                     | 220                       |
| 225                       | 25.2                      | 222.4                      | 9,000*                    | 27.6                      | 231.0                      | 9,100                     | 30.9                      | 242.0                      | 7,800                     | 33.8                      | 251.2                      | 6,500                     | 225                       |
| 230                       | 21.9                      | 210.2                      | 8,600*                    | 24.7                      | 220.2                      | 8,500                     | 28.3                      | 232.7                      | 7,200                     | 31.5                      | 243.0                      | 6,000                     | 230                       |
| 235                       | 18.1                      | 195.5                      | 8,400*                    | 21.4                      | 207.7                      | 7,900                     | 25.4                      | 222.3                      | 6,700                     | 28.9                      | 234.0                      | 5,500                     | 235                       |
| 240                       | 13.2                      | 176.0                      | 8,200*                    | 17.4                      | 192.4                      | 7,400                     | 22.2                      | 210.3                      | 6,200                     | 26.2                      | 223.9                      | 5,100                     | 240                       |
| 245                       |                           |                            |                           | 12.1                      | 171.6                      | 6,900                     | 18.5                      | 195.8                      | 5,700                     | 23.0                      | 212.3                      | 4,600                     | 245                       |
| 250                       |                           |                            |                           |                           |                            |                           | 13.6                      | 176.9                      | 5,300                     | 19.4                      | 198.5                      | 4,200                     | 250                       |
| 255                       |                           |                            |                           |                           |                            |                           | 4.7                       | 141.0                      | 4,700                     |                           |                            |                           | 255                       |



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

New York City Code  
 Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82

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

184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | 80 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 85                        | 73.8                      | 359.5                      | 22,200*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 85                        |
| 90                        | 72.5                      | 357.9                      | 22,000*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 71.3                      | 356.1                      | 21,800*                   | 72.3                      | 357.3                      | 25,300*                   |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 70.0                      | 354.3                      | 21,600*                   | 71.1                      | 355.5                      | 25,100*                   |                           |                            |                           |                           |                            |                           | 100                       |
| 105                       | 68.8                      | 352.3                      | 21,400*                   | 69.8                      | 353.6                      | 24,800*                   |                           |                            |                           |                           |                            |                           | 105                       |
| 110                       | 67.5                      | 350.1                      | 21,200*                   | 68.5                      | 351.6                      | 24,600*                   |                           |                            |                           |                           |                            |                           | 110                       |
| 115                       | 66.2                      | 347.9                      | 20,900*                   | 67.3                      | 349.5                      | 24,300*                   | 68.9                      | 351.4                      | 24,300*                   |                           |                            |                           | 115                       |
| 120                       | 64.9                      | 345.5                      | 20,700*                   | 66.0                      | 347.2                      | 24,000*                   | 67.6                      | 349.3                      | 24,100*                   |                           |                            |                           | 120                       |
| 125                       | 63.5                      | 342.9                      | 20,500*                   | 64.7                      | 344.8                      | 23,800*                   | 66.3                      | 347.0                      | 23,900*                   |                           |                            |                           | 125                       |
| 130                       | 62.2                      | 340.2                      | 20,300*                   | 63.3                      | 342.2                      | 22,800*                   | 65.0                      | 344.6                      | 23,700*                   | 66.6                      | 346.5                      | 22,800                    | 130                       |
| 135                       | 60.8                      | 337.4                      | 20,100*                   | 62.0                      | 339.5                      | 21,800*                   | 63.7                      | 342.1                      | 23,400*                   | 65.3                      | 344.2                      | 21,300                    | 135                       |
| 140                       | 59.5                      | 334.4                      | 19,900*                   | 60.6                      | 336.6                      | 20,900*                   | 62.3                      | 339.4                      | 22,000                    | 64.0                      | 341.7                      | 19,900                    | 140                       |
| 145                       | 58.1                      | 331.2                      | 19,100*                   | 59.2                      | 333.5                      | 20,000*                   | 61.0                      | 336.6                      | 20,700                    | 62.6                      | 339.0                      | 18,600                    | 145                       |
| 150                       | 56.6                      | 327.8                      | 18,300*                   | 57.8                      | 330.3                      | 19,200*                   | 59.6                      | 333.6                      | 19,400                    | 61.3                      | 336.2                      | 17,400                    | 150                       |
| 155                       | 55.2                      | 324.3                      | 17,600*                   | 56.4                      | 327.0                      | 18,500*                   | 58.2                      | 330.4                      | 18,200                    | 59.9                      | 333.3                      | 16,200                    | 155                       |
| 160                       | 53.7                      | 320.6                      | 16,900*                   | 55.0                      | 323.4                      | 17,800*                   | 56.8                      | 327.1                      | 17,100                    | 58.5                      | 330.2                      | 15,200                    | 160                       |
| 165                       | 52.2                      | 316.6                      | 16,300*                   | 53.5                      | 319.6                      | 17,100*                   | 55.3                      | 323.6                      | 16,000                    | 57.1                      | 326.9                      | 14,200                    | 165                       |
| 170                       | 50.7                      | 312.5                      | 15,500*                   | 52.0                      | 315.6                      | 16,500*                   | 53.9                      | 319.9                      | 15,000                    | 55.7                      | 323.4                      | 13,300                    | 170                       |
| 175                       | 49.1                      | 308.1                      | 14,700*                   | 50.4                      | 311.5                      | 15,900*                   | 52.3                      | 315.9                      | 14,100                    | 54.2                      | 319.7                      | 12,400                    | 175                       |
| 180                       | 47.5                      | 303.4                      | 14,000*                   | 48.9                      | 307.0                      | 14,900                    | 50.8                      | 311.8                      | 13,300                    | 52.7                      | 315.8                      | 11,600                    | 180                       |
| 185                       | 45.8                      | 298.5                      | 13,300*                   | 47.2                      | 302.3                      | 14,100                    | 49.2                      | 307.4                      | 12,400                    | 51.2                      | 311.8                      | 10,800                    | 185                       |
| 190                       | 44.1                      | 293.3                      | 12,700*                   | 45.6                      | 297.4                      | 13,200                    | 47.6                      | 302.8                      | 11,700                    | 49.6                      | 307.4                      | 10,100                    | 190                       |
| 195                       | 42.4                      | 287.7                      | 12,000*                   | 43.9                      | 292.1                      | 12,500                    | 46.0                      | 297.9                      | 10,900                    | 48.0                      | 302.9                      | 9,400                     | 195                       |
| 200                       | 40.6                      | 281.8                      | 11,500*                   | 42.1                      | 286.5                      | 11,700                    | 44.3                      | 292.7                      | 10,200                    | 46.4                      | 298.1                      | 8,700                     | 200                       |
| 205                       | 38.6                      | 275.5                      | 10,900*                   | 40.2                      | 280.5                      | 11,000                    | 42.5                      | 287.2                      | 9,600                     | 44.7                      | 292.9                      | 8,100                     | 205                       |
| 210                       | 36.7                      | 268.8                      | 10,400*                   | 38.3                      | 274.1                      | 10,300                    | 40.7                      | 281.3                      | 8,900                     | 43.0                      | 287.5                      | 7,500                     | 210                       |
| 215                       | 34.6                      | 261.5                      | 9,900*                    | 36.3                      | 267.3                      | 9,700                     | 38.8                      | 275.1                      | 8,300                     | 41.1                      | 281.7                      | 7,000                     | 215                       |
| 220                       | 32.4                      | 253.5                      | 9,500*                    | 34.2                      | 259.9                      | 9,100                     | 36.8                      | 268.3                      | 7,800                     | 39.3                      | 275.5                      | 6,400                     | 220                       |
| 225                       | 30.0                      | 244.9                      | 9,100*                    | 32.0                      | 251.9                      | 8,500                     | 34.8                      | 261.1                      | 7,200                     | 37.3                      | 268.9                      | 5,900                     | 225                       |
| 230                       | 27.4                      | 235.3                      | 8,700*                    | 29.6                      | 243.1                      | 7,900                     | 32.6                      | 253.2                      | 6,700                     | 35.3                      | 261.8                      | 5,400                     | 230                       |
| 235                       | 24.6                      | 224.5                      | 8,200                     | 27.0                      | 233.3                      | 7,400                     | 30.2                      | 244.6                      | 6,200                     | 33.1                      | 254.1                      | 4,900                     | 235                       |
| 240                       | 21.5                      | 212.0                      | 7,700                     | 24.1                      | 222.2                      | 6,900                     | 27.7                      | 235.1                      | 5,700                     | 30.8                      | 245.7                      | 4,500                     | 240                       |
| 245                       | 17.7                      | 196.9                      | 7,200                     | 20.9                      | 209.4                      | 6,400                     | 24.9                      | 224.4                      | 5,200                     | 28.3                      | 236.4                      | 4,000                     | 245                       |
| 250                       | 12.9                      | 177.0                      | 6,600                     | 17.0                      | 193.8                      | 5,900                     | 21.7                      | 212.1                      | 4,700                     |                           |                            |                           | 250                       |
| 255                       |                           |                            |                           | 11.9                      | 172.5                      | 5,400                     | 18.1                      | 197.3                      | 4,300                     |                           |                            |                           | 255                       |





# Liftcrane Fixed Jib Capacities

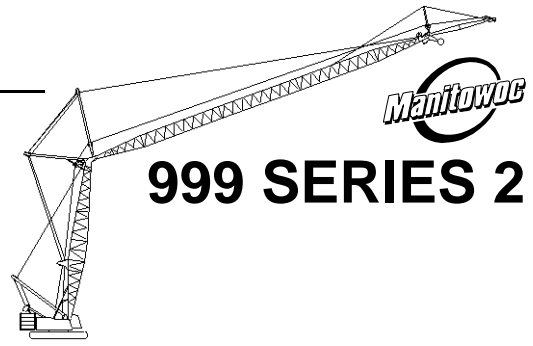
## 999 SERIES 2

New York City Code  
 Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82  
 184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 120 Ft. Boom, 190 Ft. Luffing Jib, 60 Ft. Fixed Jib

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | 80 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 85                        | 74.4                      | 370.0                      | 21,300*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 85                        |
| 90                        | 73.3                      | 368.4                      | 21,200*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 72.1                      | 366.7                      | 21,000*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 70.9                      | 365.0                      | 20,900*                   | 71.9                      | 366.2                      | 24,200*                   |                           |                            |                           |                           |                            |                           | 100                       |
| 105                       | 69.6                      | 363.0                      | 20,700*                   | 70.7                      | 364.3                      | 24,000*                   |                           |                            |                           |                           |                            |                           | 105                       |
| 110                       | 68.4                      | 361.0                      | 20,500*                   | 69.4                      | 362.4                      | 23,800*                   |                           |                            |                           |                           |                            |                           | 110                       |
| 115                       | 67.2                      | 358.8                      | 20,300*                   | 68.2                      | 360.4                      | 23,600*                   | 69.7                      | 362.2                      | 23,600*                   |                           |                            |                           | 115                       |
| 120                       | 65.9                      | 356.6                      | 20,200*                   | 67.0                      | 358.2                      | 23,400*                   | 68.5                      | 360.2                      | 23,400*                   |                           |                            |                           | 120                       |
| 125                       | 64.7                      | 354.1                      | 20,100*                   | 65.7                      | 355.9                      | 23,300*                   | 67.3                      | 358.0                      | 23,100*                   |                           |                            |                           | 125                       |
| 130                       | 63.4                      | 351.6                      | 19,800*                   | 64.5                      | 353.4                      | 22,900*                   | 66.0                      | 355.7                      | 23,000*                   |                           |                            |                           | 130                       |
| 135                       | 62.1                      | 348.9                      | 19,600*                   | 63.2                      | 350.8                      | 22,600*                   | 64.8                      | 353.3                      | 22,800*                   | 66.3                      | 355.3                      | 20,800                    | 135                       |
| 140                       | 60.8                      | 346.0                      | 19,400*                   | 61.9                      | 348.1                      | 21,700*                   | 63.5                      | 350.8                      | 21,600                    | 65.1                      | 352.9                      | 19,400                    | 140                       |
| 145                       | 59.5                      | 343.0                      | 19,300*                   | 60.6                      | 345.2                      | 20,800*                   | 62.2                      | 348.1                      | 20,200                    | 63.8                      | 350.4                      | 18,100                    | 145                       |
| 150                       | 58.1                      | 339.9                      | 18,500*                   | 59.3                      | 342.2                      | 20,000*                   | 60.9                      | 345.3                      | 19,000                    | 62.5                      | 347.7                      | 16,900                    | 150                       |
| 155                       | 56.8                      | 336.5                      | 17,600*                   | 57.9                      | 339.0                      | 19,200*                   | 59.6                      | 342.3                      | 17,800                    | 61.2                      | 344.9                      | 15,800                    | 155                       |
| 160                       | 55.4                      | 333.0                      | 16,800*                   | 56.6                      | 335.7                      | 18,500*                   | 58.3                      | 339.1                      | 16,600                    | 59.9                      | 341.9                      | 14,800                    | 160                       |
| 165                       | 54.0                      | 329.3                      | 16,100*                   | 55.2                      | 332.1                      | 17,400                    | 56.9                      | 335.8                      | 15,600                    | 58.6                      | 338.8                      | 13,800                    | 165                       |
| 170                       | 52.5                      | 325.4                      | 15,400*                   | 53.8                      | 328.4                      | 16,400                    | 55.5                      | 332.3                      | 14,600                    | 57.2                      | 335.6                      | 12,900                    | 170                       |
| 175                       | 51.1                      | 321.3                      | 14,600*                   | 52.3                      | 324.5                      | 15,400                    | 54.1                      | 328.6                      | 13,700                    | 55.8                      | 332.1                      | 12,000                    | 175                       |
| 180                       | 49.6                      | 317.0                      | 14,000*                   | 50.8                      | 320.3                      | 14,500                    | 52.7                      | 324.7                      | 12,800                    | 54.4                      | 328.5                      | 11,200                    | 180                       |
| 185                       | 48.1                      | 312.4                      | 13,300*                   | 49.3                      | 316.0                      | 13,600                    | 51.2                      | 320.7                      | 12,000                    | 53.0                      | 324.6                      | 10,400                    | 185                       |
| 190                       | 46.5                      | 307.6                      | 12,700*                   | 47.8                      | 311.4                      | 12,800                    | 49.7                      | 316.4                      | 11,200                    | 51.6                      | 320.6                      | 9,700                     | 190                       |
| 195                       | 44.9                      | 302.6                      | 12,100*                   | 46.2                      | 306.5                      | 12,000                    | 48.2                      | 311.8                      | 10,500                    | 50.1                      | 316.4                      | 9,000                     | 195                       |
| 200                       | 43.2                      | 297.2                      | 11,500*                   | 44.6                      | 301.4                      | 11,300                    | 46.6                      | 307.0                      | 9,800                     | 48.6                      | 311.9                      | 8,300                     | 200                       |
| 205                       | 41.5                      | 291.4                      | 11,000*                   | 42.9                      | 296.0                      | 10,600                    | 45.0                      | 302.0                      | 9,200                     | 47.0                      | 307.2                      | 7,700                     | 205                       |
| 210                       | 39.7                      | 285.4                      | 10,500*                   | 41.2                      | 290.2                      | 9,900                     | 43.3                      | 296.6                      | 8,500                     | 45.4                      | 302.2                      | 7,100                     | 210                       |
| 215                       | 37.8                      | 278.9                      | 10,000*                   | 39.4                      | 284.0                      | 9,300                     | 41.6                      | 290.9                      | 7,900                     | 43.7                      | 296.9                      | 6,500                     | 215                       |
| 220                       | 35.9                      | 271.9                      | 9,600*                    | 37.5                      | 277.5                      | 8,700                     | 39.8                      | 284.9                      | 7,300                     | 42.0                      | 291.3                      | 6,000                     | 220                       |
| 225                       | 33.8                      | 264.4                      | 9,000                     | 35.6                      | 270.4                      | 8,100                     | 38.0                      | 278.4                      | 6,800                     | 40.3                      | 285.3                      | 5,500                     | 225                       |
| 230                       | 31.7                      | 256.3                      | 8,500                     | 33.5                      | 262.8                      | 7,600                     | 36.0                      | 271.5                      | 6,300                     | 38.4                      | 279.0                      | 5,000                     | 230                       |
| 235                       | 29.4                      | 247.4                      | 7,900                     | 31.3                      | 254.6                      | 7,000                     | 34.0                      | 264.1                      | 5,800                     | 36.5                      | 272.2                      | 4,500                     | 235                       |
| 240                       | 26.9                      | 237.6                      | 7,400                     | 29.0                      | 245.6                      | 6,500                     | 31.9                      | 256.0                      | 5,300                     | 34.5                      | 264.8                      | 4,100                     | 240                       |
| 245                       | 24.1                      | 226.5                      | 6,800                     | 26.4                      | 235.5                      | 6,000                     | 29.6                      | 247.2                      | 4,800                     |                           |                            |                           | 245                       |
| 250                       | 21.0                      | 213.7                      | 6,300                     | 23.6                      | 224.2                      | 5,500                     | 27.1                      | 237.4                      | 4,400                     |                           |                            |                           | 250                       |
| 255                       | 17.3                      | 198.4                      | 5,800                     | 20.4                      | 211.1                      | 5,000                     |                           |                            |                           |                           |                            |                           | 255                       |
| 260                       | 12.6                      | 178.0                      | 5,400                     | 16.6                      | 195.2                      | 4,600                     |                           |                            |                           |                           |                            |                           | 260                       |
| 265                       |                           |                            |                           | 11.6                      | 173.4                      | 4,100                     |                           |                            |                           |                           |                            |                           | 265                       |



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

New York City Code  
 Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82

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

184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

### 120 Ft. Boom, 200 Ft. Luffing Jib, 60 Ft. Fixed Jib

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | 80 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 90                        | 73.9                      | 378.9                      | 20,200*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 72.8                      | 377.3                      | 20,100*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 71.6                      | 375.6                      | 20,000*                   | 72.6                      | 376.7                      | 23,100*                   |                           |                            |                           |                           |                            |                           | 100                       |
| 105                       | 70.5                      | 373.8                      | 19,800*                   | 71.4                      | 375.0                      | 23,000*                   |                           |                            |                           |                           |                            |                           | 105                       |
| 110                       | 69.3                      | 371.8                      | 19,700*                   | 70.3                      | 373.1                      | 22,800*                   |                           |                            |                           |                           |                            |                           | 110                       |
| 115                       | 68.1                      | 369.8                      | 19,500*                   | 69.1                      | 371.2                      | 22,700*                   |                           |                            |                           |                           |                            |                           | 115                       |
| 120                       | 66.9                      | 367.6                      | 19,400*                   | 67.9                      | 369.1                      | 22,500*                   | 69.4                      | 371.0                      | 22,400*                   |                           |                            |                           | 120                       |
| 125                       | 65.7                      | 365.3                      | 19,200*                   | 66.7                      | 366.9                      | 22,400*                   | 68.2                      | 368.9                      | 22,400*                   |                           |                            |                           | 125                       |
| 130                       | 64.5                      | 362.8                      | 19,100*                   | 65.5                      | 364.6                      | 22,200*                   | 67.0                      | 366.7                      | 22,200*                   |                           |                            |                           | 130                       |
| 135                       | 63.3                      | 360.2                      | 19,000*                   | 64.3                      | 362.1                      | 21,800*                   | 65.8                      | 364.4                      | 22,100*                   |                           |                            |                           | 135                       |
| 140                       | 62.0                      | 357.5                      | 18,800*                   | 63.1                      | 359.5                      | 21,000*                   | 64.6                      | 362.0                      | 21,100                    | 66.1                      | 364.0                      | 18,900                    | 140                       |
| 145                       | 60.8                      | 354.7                      | 18,600*                   | 61.8                      | 356.8                      | 20,100*                   | 63.4                      | 359.4                      | 19,700                    | 64.9                      | 361.6                      | 17,600                    | 145                       |
| 150                       | 59.5                      | 351.7                      | 18,000*                   | 60.6                      | 353.9                      | 19,400*                   | 62.1                      | 356.8                      | 18,400                    | 63.7                      | 359.0                      | 16,400                    | 150                       |
| 155                       | 58.2                      | 348.5                      | 17,200*                   | 59.3                      | 350.9                      | 18,600*                   | 60.9                      | 353.9                      | 17,200                    | 62.4                      | 356.4                      | 15,200                    | 155                       |
| 160                       | 56.9                      | 345.2                      | 16,500*                   | 58.0                      | 347.7                      | 17,900*                   | 59.6                      | 350.9                      | 16,100                    | 61.2                      | 353.6                      | 14,200                    | 160                       |
| 165                       | 55.6                      | 341.7                      | 15,800*                   | 56.7                      | 344.4                      | 16,900                    | 58.3                      | 347.8                      | 15,100                    | 59.9                      | 350.6                      | 13,200                    | 165                       |
| 170                       | 54.2                      | 338.1                      | 15,100*                   | 55.4                      | 340.8                      | 15,900                    | 57.0                      | 344.5                      | 14,100                    | 58.6                      | 347.5                      | 12,300                    | 170                       |
| 175                       | 52.9                      | 334.2                      | 14,500*                   | 54.0                      | 337.1                      | 14,900                    | 55.7                      | 341.0                      | 13,200                    | 57.3                      | 344.2                      | 11,400                    | 175                       |
| 180                       | 51.4                      | 330.2                      | 13,800*                   | 52.6                      | 333.3                      | 14,000                    | 54.3                      | 337.4                      | 12,300                    | 56.0                      | 340.8                      | 10,600                    | 180                       |
| 185                       | 50.0                      | 325.9                      | 13,200*                   | 51.2                      | 329.2                      | 13,100                    | 53.0                      | 333.5                      | 11,500                    | 54.7                      | 337.2                      | 9,800                     | 185                       |
| 190                       | 48.6                      | 321.4                      | 12,600*                   | 49.8                      | 324.9                      | 12,300                    | 51.6                      | 329.5                      | 10,700                    | 53.3                      | 333.4                      | 9,100                     | 190                       |
| 195                       | 47.1                      | 316.7                      | 12,000*                   | 48.3                      | 320.4                      | 11,500                    | 50.1                      | 325.3                      | 10,000                    | 51.9                      | 329.4                      | 8,400                     | 195                       |
| 200                       | 45.5                      | 311.8                      | 11,500*                   | 46.8                      | 315.6                      | 10,800                    | 48.7                      | 320.8                      | 9,300                     | 50.5                      | 325.3                      | 7,800                     | 200                       |
| 205                       | 43.9                      | 306.5                      | 11,000*                   | 45.3                      | 310.6                      | 10,100                    | 47.2                      | 316.1                      | 8,600                     | 49.0                      | 320.9                      | 7,100                     | 205                       |
| 210                       | 42.3                      | 301.0                      | 10,400                    | 43.7                      | 305.3                      | 9,400                     | 45.6                      | 311.2                      | 8,000                     | 47.5                      | 316.2                      | 6,600                     | 210                       |
| 215                       | 40.6                      | 295.1                      | 9,700                     | 42.0                      | 299.7                      | 8,800                     | 44.1                      | 305.9                      | 7,400                     | 46.0                      | 311.3                      | 6,000                     | 215                       |
| 220                       | 38.9                      | 288.8                      | 9,100                     | 40.3                      | 293.8                      | 8,200                     | 42.4                      | 300.4                      | 6,800                     | 44.4                      | 306.2                      | 5,500                     | 220                       |
| 225                       | 37.1                      | 282.1                      | 8,500                     | 38.6                      | 287.5                      | 7,600                     | 40.8                      | 294.6                      | 6,300                     | 42.8                      | 300.7                      | 4,900                     | 225                       |
| 230                       | 35.1                      | 275.0                      | 7,900                     | 36.7                      | 280.7                      | 7,100                     | 39.0                      | 288.3                      | 5,800                     | 41.2                      | 295.0                      | 4,500                     | 230                       |
| 235                       | 33.1                      | 267.3                      | 7,400                     | 34.8                      | 273.5                      | 6,500                     | 37.2                      | 281.7                      | 5,200                     | 39.4                      | 288.8                      | 4,000                     | 235                       |
| 240                       | 31.0                      | 259.0                      | 6,800                     | 32.8                      | 265.7                      | 6,000                     | 35.3                      | 274.6                      | 4,800                     |                           |                            |                           | 240                       |
| 245                       | 28.8                      | 249.9                      | 6,300                     | 30.7                      | 257.2                      | 5,500                     | 33.3                      | 267.0                      | 4,300                     |                           |                            |                           | 245                       |
| 250                       | 26.3                      | 239.8                      | 5,800                     | 28.4                      | 248.0                      | 5,000                     |                           |                            |                           |                           |                            |                           | 250                       |
| 255                       | 23.6                      | 228.5                      | 5,400                     | 25.9                      | 237.8                      | 4,600                     |                           |                            |                           |                           |                            |                           | 255                       |
| 260                       | 20.6                      | 215.5                      | 4,900                     | 23.1                      | 226.2                      | 4,100                     |                           |                            |                           |                           |                            |                           | 260                       |
| 265                       | 17.0                      | 199.8                      | 4,400                     |                           |                            |                           |                           |                            |                           |                           |                            |                           | 265                       |
| 270                       | 12.3                      | 179.0                      | 4,000                     |                           |                            |                           |                           |                            |                           |                           |                            |                           | 270                       |



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

New York City Code  
Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

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

### 120 Ft. Boom, 210 Ft. Luffing Jib, 60 Ft. Fixed Jib

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | 80 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 90                        | 74.5                      | 389.3                      | 19,200*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 73.4                      | 387.8                      | 19,100*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 72.3                      | 386.2                      | 19,000*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 100                       |
| 105                       | 71.2                      | 384.4                      | 18,800*                   | 72.1                      | 385.6                      | 21,900*                   |                           |                            |                           |                           |                            |                           | 105                       |
| 110                       | 70.1                      | 382.6                      | 18,700*                   | 71.0                      | 383.8                      | 21,700*                   |                           |                            |                           |                           |                            |                           | 110                       |
| 115                       | 69.0                      | 380.6                      | 18,600*                   | 69.9                      | 381.9                      | 21,600*                   |                           |                            |                           |                           |                            |                           | 115                       |
| 120                       | 67.8                      | 378.5                      | 18,400*                   | 68.8                      | 379.9                      | 21,500*                   |                           |                            |                           |                           |                            |                           | 120                       |
| 125                       | 66.7                      | 376.3                      | 18,300*                   | 67.6                      | 377.8                      | 21,400*                   | 69.1                      | 379.7                      | 21,300*                   |                           |                            |                           | 125                       |
| 130                       | 65.5                      | 373.9                      | 18,200*                   | 66.5                      | 375.6                      | 21,200*                   | 67.9                      | 377.6                      | 21,200*                   |                           |                            |                           | 130                       |
| 135                       | 64.3                      | 371.5                      | 18,100*                   | 65.3                      | 373.3                      | 20,800*                   | 66.8                      | 375.5                      | 21,100*                   |                           |                            |                           | 135                       |
| 140                       | 63.2                      | 368.9                      | 17,900*                   | 64.1                      | 370.8                      | 20,000*                   | 65.6                      | 373.1                      | 20,500                    |                           |                            |                           | 140                       |
| 145                       | 62.0                      | 366.2                      | 17,800*                   | 63.0                      | 368.2                      | 19,200*                   | 64.4                      | 370.7                      | 19,200                    | 65.9                      | 372.7                      | 17,000                    | 145                       |
| 150                       | 60.8                      | 363.3                      | 17,500*                   | 61.8                      | 365.4                      | 18,400*                   | 63.3                      | 368.1                      | 17,900                    | 64.7                      | 370.2                      | 15,800                    | 150                       |
| 155                       | 59.5                      | 360.3                      | 16,800*                   | 60.6                      | 362.6                      | 17,700*                   | 62.1                      | 365.4                      | 16,700                    | 63.5                      | 367.7                      | 14,700                    | 155                       |
| 160                       | 58.3                      | 357.2                      | 16,100*                   | 59.3                      | 359.5                      | 17,100*                   | 60.9                      | 362.6                      | 15,600                    | 62.3                      | 365.0                      | 13,700                    | 160                       |
| 165                       | 57.0                      | 353.9                      | 15,500*                   | 58.1                      | 356.4                      | 16,400                    | 59.6                      | 359.6                      | 14,500                    | 61.1                      | 362.2                      | 12,700                    | 165                       |
| 170                       | 55.7                      | 350.4                      | 14,800*                   | 56.8                      | 353.0                      | 15,400                    | 58.4                      | 356.5                      | 13,600                    | 59.9                      | 359.3                      | 11,800                    | 170                       |
| 175                       | 54.4                      | 346.8                      | 14,200*                   | 55.5                      | 349.6                      | 14,400                    | 57.1                      | 353.2                      | 12,600                    | 58.7                      | 356.2                      | 10,900                    | 175                       |
| 180                       | 53.1                      | 343.0                      | 13,600*                   | 54.2                      | 345.9                      | 13,500                    | 55.9                      | 349.7                      | 11,800                    | 57.4                      | 352.9                      | 10,100                    | 180                       |
| 185                       | 51.8                      | 339.0                      | 13,000*                   | 52.9                      | 342.1                      | 12,600                    | 54.6                      | 346.1                      | 11,000                    | 56.2                      | 349.5                      | 9,300                     | 185                       |
| 190                       | 50.4                      | 334.8                      | 12,500*                   | 51.6                      | 338.0                      | 11,800                    | 53.2                      | 342.3                      | 10,200                    | 54.9                      | 345.9                      | 8,600                     | 190                       |
| 195                       | 49.0                      | 330.4                      | 11,900*                   | 50.2                      | 333.8                      | 11,000                    | 51.9                      | 338.3                      | 9,500                     | 53.6                      | 342.2                      | 7,900                     | 195                       |
| 200                       | 47.6                      | 325.8                      | 11,300                    | 48.8                      | 329.4                      | 10,300                    | 50.5                      | 334.2                      | 8,800                     | 52.2                      | 338.3                      | 7,200                     | 200                       |
| 205                       | 46.1                      | 320.9                      | 10,600                    | 47.3                      | 324.7                      | 9,600                     | 49.1                      | 329.8                      | 8,100                     | 50.9                      | 334.1                      | 6,600                     | 205                       |
| 210                       | 44.6                      | 315.8                      | 9,900                     | 45.9                      | 319.8                      | 8,900                     | 47.7                      | 325.2                      | 7,500                     | 49.5                      | 329.8                      | 6,000                     | 210                       |
| 215                       | 43.1                      | 310.4                      | 9,300                     | 44.4                      | 314.6                      | 8,300                     | 46.2                      | 320.3                      | 6,900                     | 48.0                      | 325.2                      | 5,500                     | 215                       |
| 220                       | 41.5                      | 304.7                      | 8,600                     | 42.8                      | 309.2                      | 7,700                     | 44.7                      | 315.2                      | 6,300                     | 46.6                      | 320.5                      | 4,900                     | 220                       |
| 225                       | 39.8                      | 298.6                      | 8,000                     | 41.2                      | 303.4                      | 7,100                     | 43.2                      | 309.8                      | 5,800                     | 45.1                      | 315.4                      | 4,400                     | 225                       |
| 230                       | 38.1                      | 292.2                      | 7,400                     | 39.5                      | 297.3                      | 6,600                     | 41.6                      | 304.2                      | 5,200                     |                           |                            |                           | 230                       |
| 235                       | 36.3                      | 285.4                      | 6,900                     | 37.8                      | 290.8                      | 6,000                     | 40.0                      | 298.1                      | 4,700                     |                           |                            |                           | 235                       |
| 240                       | 34.5                      | 278.0                      | 6,400                     | 36.0                      | 283.9                      | 5,500                     | 38.3                      | 291.7                      | 4,300                     |                           |                            |                           | 240                       |
| 245                       | 32.5                      | 270.2                      | 5,900                     | 34.1                      | 276.5                      | 5,000                     |                           |                            |                           |                           |                            |                           | 245                       |
| 250                       | 30.4                      | 261.6                      | 5,400                     | 32.2                      | 268.5                      | 4,600                     |                           |                            |                           |                           |                            |                           | 250                       |
| 255                       | 28.2                      | 252.3                      | 4,900                     | 30.1                      | 259.9                      | 4,100                     |                           |                            |                           |                           |                            |                           | 255                       |
| 260                       | 25.8                      | 242.0                      | 4,400                     |                           |                            |                           |                           |                            |                           |                           |                            |                           | 260                       |
| 265                       | 23.2                      | 230.5                      | 4,000                     |                           |                            |                           |                           |                            |                           |                           |                            |                           | 265                       |



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

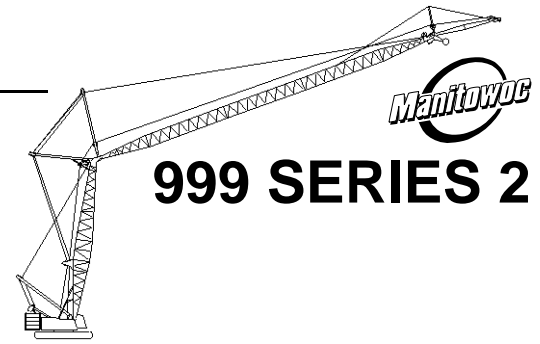
New York City Code  
 Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82

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

184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

### 120 Ft. Boom, 170 Ft. Luffing Jib, 70 Ft. Fixed Jib

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | 80 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 80                        | 74.9                      | 361.1                      | 18,200*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 80                        |
| 85                        | 73.7                      | 359.6                      | 17,900*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 85                        |
| 90                        | 72.4                      | 358.0                      | 17,700*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 71.2                      | 356.2                      | 17,400*                   | 72.2                      | 357.4                      | 20,200*                   |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 69.9                      | 354.3                      | 17,200*                   | 71.0                      | 355.6                      | 20,000*                   |                           |                            |                           |                           |                            |                           | 100                       |
| 105                       | 68.7                      | 352.3                      | 16,900*                   | 69.7                      | 353.7                      | 19,700*                   |                           |                            |                           |                           |                            |                           | 105                       |
| 110                       | 67.4                      | 350.2                      | 16,700*                   | 68.4                      | 351.7                      | 19,400*                   |                           |                            |                           |                           |                            |                           | 110                       |
| 115                       | 66.1                      | 347.9                      | 16,500*                   | 67.2                      | 349.5                      | 19,100*                   | 68.8                      | 351.5                      | 19,300*                   |                           |                            |                           | 115                       |
| 120                       | 64.8                      | 345.5                      | 16,300*                   | 65.9                      | 347.3                      | 18,900*                   | 67.5                      | 349.4                      | 19,000*                   |                           |                            |                           | 120                       |
| 125                       | 63.4                      | 343.0                      | 16,000*                   | 64.5                      | 344.8                      | 18,600*                   | 66.2                      | 347.1                      | 18,800*                   |                           |                            |                           | 125                       |
| 130                       | 62.1                      | 340.3                      | 15,800*                   | 63.2                      | 342.3                      | 18,300*                   | 64.9                      | 344.7                      | 18,500*                   | 66.5                      | 346.6                      | 18,600*                   | 130                       |
| 135                       | 60.7                      | 337.4                      | 15,600*                   | 61.9                      | 339.5                      | 18,100*                   | 63.6                      | 342.2                      | 18,300*                   | 65.2                      | 344.3                      | 18,400*                   | 135                       |
| 140                       | 59.4                      | 334.4                      | 15,400*                   | 60.5                      | 336.7                      | 17,800*                   | 62.2                      | 339.5                      | 18,000*                   | 63.9                      | 341.8                      | 18,100*                   | 140                       |
| 145                       | 58.0                      | 331.3                      | 15,100*                   | 59.1                      | 333.6                      | 17,600*                   | 60.9                      | 336.7                      | 17,800*                   | 62.5                      | 339.1                      | 17,900*                   | 145                       |
| 150                       | 56.5                      | 327.9                      | 15,100*                   | 57.7                      | 330.4                      | 17,500*                   | 59.5                      | 333.7                      | 17,500*                   | 61.2                      | 336.3                      | 17,700*                   | 150                       |
| 155                       | 55.1                      | 324.4                      | 14,700*                   | 56.3                      | 327.0                      | 17,100*                   | 58.1                      | 330.5                      | 17,300*                   | 59.8                      | 333.4                      | 17,000                    | 155                       |
| 160                       | 53.6                      | 320.6                      | 14,500*                   | 54.9                      | 323.5                      | 17,100*                   | 56.7                      | 327.2                      | 17,000*                   | 58.4                      | 330.2                      | 16,000                    | 160                       |
| 165                       | 52.1                      | 316.7                      | 14,300*                   | 53.4                      | 319.7                      | 16,600*                   | 55.2                      | 323.7                      | 16,800*                   | 57.0                      | 327.0                      | 15,000                    | 165                       |
| 170                       | 50.6                      | 312.5                      | 14,100*                   | 51.9                      | 315.7                      | 16,000*                   | 53.7                      | 319.9                      | 15,800                    | 55.6                      | 323.5                      | 14,100                    | 170                       |
| 175                       | 49.0                      | 308.2                      | 13,900*                   | 50.3                      | 311.5                      | 15,400*                   | 52.2                      | 316.0                      | 14,900                    | 54.1                      | 319.8                      | 13,200                    | 175                       |
| 180                       | 47.4                      | 303.5                      | 13,700*                   | 48.8                      | 307.1                      | 14,800*                   | 50.7                      | 311.9                      | 14,100                    | 52.6                      | 315.9                      | 12,400                    | 180                       |
| 185                       | 45.7                      | 298.6                      | 13,000*                   | 47.1                      | 302.4                      | 14,300*                   | 49.1                      | 307.5                      | 13,200                    | 51.1                      | 311.9                      | 11,600                    | 185                       |
| 190                       | 44.0                      | 293.4                      | 12,400*                   | 45.5                      | 297.5                      | 13,800*                   | 47.5                      | 302.9                      | 12,500                    | 49.5                      | 307.5                      | 10,900                    | 190                       |
| 195                       | 42.3                      | 287.8                      | 11,700*                   | 43.8                      | 292.2                      | 13,300*                   | 45.9                      | 298.0                      | 11,700                    | 47.9                      | 303.0                      | 10,200                    | 195                       |
| 200                       | 40.5                      | 281.9                      | 11,200*                   | 42.0                      | 286.6                      | 12,500                    | 44.2                      | 292.8                      | 11,000                    | 46.3                      | 298.2                      | 9,600                     | 200                       |
| 205                       | 38.6                      | 275.6                      | 10,600*                   | 40.1                      | 280.6                      | 11,800                    | 42.4                      | 287.3                      | 10,400                    | 44.6                      | 293.0                      | 8,900                     | 205                       |
| 210                       | 36.6                      | 268.9                      | 10,100*                   | 38.2                      | 274.3                      | 11,200                    | 40.6                      | 281.4                      | 9,700                     | 42.9                      | 287.6                      | 8,300                     | 210                       |
| 215                       | 34.5                      | 261.6                      | 9,600*                    | 36.2                      | 267.4                      | 10,500                    | 38.7                      | 275.2                      | 9,100                     | 41.1                      | 281.8                      | 7,800                     | 215                       |
| 220                       | 32.3                      | 253.7                      | 9,200*                    | 34.1                      | 260.0                      | 9,900                     | 36.7                      | 268.4                      | 8,600                     | 39.2                      | 275.7                      | 7,200                     | 220                       |
| 225                       | 29.9                      | 245.0                      | 8,800*                    | 31.9                      | 252.0                      | 9,300                     | 34.7                      | 261.2                      | 8,000                     | 37.2                      | 269.1                      | 6,700                     | 225                       |
| 230                       | 27.4                      | 235.4                      | 8,400*                    | 29.5                      | 243.2                      | 8,800                     | 32.5                      | 253.3                      | 7,500                     | 35.2                      | 261.9                      | 6,200                     | 230                       |
| 235                       | 24.6                      | 224.6                      | 8,000*                    | 26.9                      | 233.4                      | 8,200                     | 30.1                      | 244.8                      | 7,000                     | 33.0                      | 254.2                      | 5,800                     | 235                       |
| 240                       | 21.4                      | 212.2                      | 7,700*                    | 24.1                      | 222.4                      | 7,700                     | 27.6                      | 235.3                      | 6,500                     | 30.7                      | 245.8                      | 5,300                     | 240                       |
| 245                       | 17.7                      | 197.2                      | 7,500*                    | 20.8                      | 209.6                      | 7,200                     | 24.8                      | 224.6                      | 6,000                     | 28.2                      | 236.6                      | 4,900                     | 245                       |
| 250                       | 12.8                      | 177.3                      | 7,300*                    | 17.0                      | 194.1                      | 6,700                     | 21.7                      | 212.3                      | 5,600                     | 25.5                      | 226.2                      | 4,400                     | 250                       |
| 255                       |                           | 133.7                      | 6,900                     | 11.8                      | 172.9                      | 6,200                     | 18.0                      | 197.6                      | 5,100                     | 22.5                      | 214.4                      | 4,000                     | 255                       |
| 260                       |                           |                            |                           |                           |                            |                           | 13.3                      | 178.3                      | 4,700                     |                           |                            |                           | 260                       |
| 265                       |                           |                            |                           |                           |                            |                           | 4.7                       | 142.4                      | 4,200                     |                           |                            |                           | 265                       |



# Liftcrane Fixed Jib Capacities

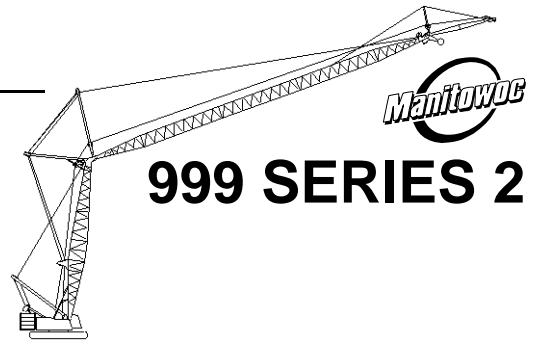
## 999 SERIES 2

New York City Code  
Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

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

### 120 Ft. Boom, 180 Ft. Luffing Jib, 70 Ft. Fixed Jib

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | 80 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 85                        | 74.3                      | 370.0                      | 17,500*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 85                        |
| 90                        | 73.2                      | 368.5                      | 17,300*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 72.0                      | 366.8                      | 17,100*                   | 73.0                      | 367.9                      | 19,800*                   |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 70.8                      | 365.0                      | 16,900*                   | 71.8                      | 366.2                      | 19,600*                   |                           |                            |                           |                           |                            |                           | 100                       |
| 105                       | 69.5                      | 363.1                      | 16,700*                   | 70.6                      | 364.4                      | 19,300*                   |                           |                            |                           |                           |                            |                           | 105                       |
| 110                       | 68.3                      | 361.1                      | 16,700*                   | 69.3                      | 362.5                      | 19,100*                   |                           |                            |                           |                           |                            |                           | 110                       |
| 115                       | 67.1                      | 358.9                      | 16,200*                   | 68.1                      | 360.4                      | 18,900*                   | 69.6                      | 362.3                      | 19,000*                   |                           |                            |                           | 115                       |
| 120                       | 65.8                      | 356.6                      | 16,100*                   | 66.9                      | 358.3                      | 18,600*                   | 68.4                      | 360.2                      | 18,700*                   |                           |                            |                           | 120                       |
| 125                       | 64.6                      | 354.2                      | 15,800*                   | 65.6                      | 356.0                      | 18,400*                   | 67.2                      | 358.1                      | 18,500*                   |                           |                            |                           | 125                       |
| 130                       | 63.3                      | 351.7                      | 15,600*                   | 64.4                      | 353.5                      | 18,100*                   | 65.9                      | 355.8                      | 18,300*                   |                           |                            |                           | 130                       |
| 135                       | 62.0                      | 349.0                      | 15,400*                   | 63.1                      | 350.9                      | 17,900*                   | 64.7                      | 353.4                      | 18,100*                   | 66.2                      | 355.3                      | 18,100*                   | 135                       |
| 140                       | 60.7                      | 346.1                      | 15,200*                   | 61.8                      | 348.2                      | 17,700*                   | 63.4                      | 350.9                      | 17,800*                   | 65.0                      | 353.0                      | 17,900*                   | 140                       |
| 145                       | 59.4                      | 343.1                      | 15,000*                   | 60.5                      | 345.3                      | 17,400*                   | 62.1                      | 348.2                      | 17,600*                   | 63.7                      | 350.4                      | 17,700*                   | 145                       |
| 150                       | 58.0                      | 339.9                      | 14,800*                   | 59.2                      | 342.3                      | 17,200*                   | 60.8                      | 345.3                      | 17,400*                   | 62.4                      | 347.8                      | 17,500*                   | 150                       |
| 155                       | 56.7                      | 336.6                      | 14,600*                   | 57.8                      | 339.1                      | 17,100*                   | 59.5                      | 342.3                      | 17,200*                   | 61.1                      | 345.0                      | 16,400                    | 155                       |
| 160                       | 55.3                      | 333.1                      | 14,600*                   | 56.5                      | 335.7                      | 16,700*                   | 58.2                      | 339.2                      | 16,900*                   | 59.8                      | 342.0                      | 15,300                    | 160                       |
| 165                       | 53.9                      | 329.4                      | 14,300*                   | 55.1                      | 332.2                      | 16,000*                   | 56.8                      | 335.9                      | 16,200                    | 58.5                      | 338.9                      | 14,400                    | 165                       |
| 170                       | 52.5                      | 325.5                      | 14,100*                   | 53.7                      | 328.5                      | 15,400*                   | 55.4                      | 332.4                      | 15,200                    | 57.1                      | 335.6                      | 13,400                    | 170                       |
| 175                       | 51.0                      | 321.4                      | 13,900*                   | 52.2                      | 324.6                      | 14,800*                   | 54.0                      | 328.7                      | 14,300                    | 55.7                      | 332.2                      | 12,600                    | 175                       |
| 180                       | 49.5                      | 317.1                      | 13,600*                   | 50.7                      | 320.4                      | 14,300*                   | 52.6                      | 324.8                      | 13,400                    | 54.3                      | 328.6                      | 11,800                    | 180                       |
| 185                       | 48.0                      | 312.5                      | 13,000*                   | 49.2                      | 316.1                      | 13,700*                   | 51.1                      | 320.8                      | 12,600                    | 52.9                      | 324.7                      | 11,000                    | 185                       |
| 190                       | 46.4                      | 307.7                      | 12,400*                   | 47.7                      | 311.5                      | 13,200*                   | 49.6                      | 316.5                      | 11,900                    | 51.5                      | 320.7                      | 10,300                    | 190                       |
| 195                       | 44.8                      | 302.7                      | 11,800*                   | 46.1                      | 306.6                      | 12,700                    | 48.1                      | 311.9                      | 11,100                    | 50.0                      | 316.5                      | 9,600                     | 195                       |
| 200                       | 43.1                      | 297.3                      | 11,300*                   | 44.5                      | 301.5                      | 11,900                    | 46.5                      | 307.1                      | 10,400                    | 48.5                      | 312.0                      | 8,900                     | 200                       |
| 205                       | 41.4                      | 291.6                      | 10,700*                   | 42.8                      | 296.1                      | 11,300                    | 44.9                      | 302.1                      | 9,800                     | 46.9                      | 307.3                      | 8,300                     | 205                       |
| 210                       | 39.6                      | 285.5                      | 10,200*                   | 41.1                      | 290.3                      | 10,600                    | 43.2                      | 296.7                      | 9,200                     | 45.3                      | 302.3                      | 7,700                     | 210                       |
| 215                       | 37.7                      | 279.0                      | 9,700*                    | 39.3                      | 284.1                      | 10,000                    | 41.5                      | 291.0                      | 8,600                     | 43.6                      | 297.0                      | 7,200                     | 215                       |
| 220                       | 35.8                      | 272.0                      | 9,300*                    | 37.4                      | 277.6                      | 9,300                     | 39.7                      | 285.0                      | 8,000                     | 41.9                      | 291.4                      | 6,600                     | 220                       |
| 225                       | 33.8                      | 264.5                      | 8,900*                    | 35.5                      | 270.5                      | 8,800                     | 37.9                      | 278.5                      | 7,400                     | 40.2                      | 285.4                      | 6,100                     | 225                       |
| 230                       | 31.6                      | 256.4                      | 8,500*                    | 33.4                      | 263.0                      | 8,200                     | 36.0                      | 271.6                      | 6,900                     | 38.3                      | 279.1                      | 5,600                     | 230                       |
| 235                       | 29.3                      | 247.5                      | 8,100*                    | 31.2                      | 254.7                      | 7,700                     | 33.9                      | 264.2                      | 6,400                     | 36.4                      | 272.3                      | 5,100                     | 235                       |
| 240                       | 26.8                      | 237.7                      | 7,800*                    | 28.9                      | 245.7                      | 7,200                     | 31.8                      | 256.1                      | 5,900                     | 34.4                      | 265.0                      | 4,700                     | 240                       |
| 245                       | 24.0                      | 226.7                      | 7,500*                    | 26.3                      | 235.7                      | 6,700                     | 29.5                      | 247.3                      | 5,500                     | 32.3                      | 257.1                      | 4,300                     | 245                       |
| 250                       | 20.9                      | 214.0                      | 7,000                     | 23.6                      | 224.4                      | 6,200                     | 27.0                      | 237.6                      | 5,000                     |                           |                            |                           | 250                       |
| 255                       | 17.3                      | 198.6                      | 6,500                     | 20.4                      | 211.3                      | 5,700                     | 24.3                      | 226.7                      | 4,600                     |                           |                            |                           | 255                       |
| 260                       | 12.5                      | 178.3                      | 6,000                     | 16.6                      | 195.4                      | 5,300                     | 21.2                      | 214.1                      | 4,200                     |                           |                            |                           | 260                       |
| 265                       | 2.3                       | 133.7                      | 5,400                     | 11.6                      | 173.8                      | 4,800                     |                           |                            |                           |                           |                            |                           | 265                       |



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

New York City Code  
 Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82

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

184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

### 120 Ft. Boom, 190 Ft. Luffing Jib, 70 Ft. Fixed Jib

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | 80 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 85                        | 75.0                      | 380.5                      | 17,100*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 85                        |
| 90                        | 73.8                      | 379.0                      | 17,000*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 72.7                      | 377.4                      | 16,800*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 71.5                      | 375.7                      | 16,600*                   | 72.5                      | 376.8                      | 19,200*                   |                           |                            |                           |                           |                            |                           | 100                       |
| 105                       | 70.4                      | 373.8                      | 16,400*                   | 71.3                      | 375.1                      | 19,000*                   |                           |                            |                           |                           |                            |                           | 105                       |
| 110                       | 69.2                      | 371.9                      | 16,200*                   | 70.2                      | 373.2                      | 18,800*                   |                           |                            |                           |                           |                            |                           | 110                       |
| 115                       | 68.0                      | 369.8                      | 16,100*                   | 69.0                      | 371.3                      | 18,500*                   |                           |                            |                           |                           |                            |                           | 115                       |
| 120                       | 66.8                      | 367.6                      | 15,800*                   | 67.8                      | 369.2                      | 18,300*                   | 69.3                      | 371.0                      | 18,400*                   |                           |                            |                           | 120                       |
| 125                       | 65.6                      | 365.3                      | 15,600*                   | 66.6                      | 367.0                      | 18,100*                   | 68.1                      | 369.0                      | 18,200*                   |                           |                            |                           | 125                       |
| 130                       | 64.4                      | 362.9                      | 15,400*                   | 65.4                      | 364.6                      | 17,900*                   | 66.9                      | 366.8                      | 18,000*                   |                           |                            |                           | 130                       |
| 135                       | 63.2                      | 360.3                      | 15,200*                   | 64.2                      | 362.2                      | 17,700*                   | 65.7                      | 364.5                      | 17,800*                   |                           |                            |                           | 135                       |
| 140                       | 61.9                      | 357.6                      | 15,000*                   | 63.0                      | 359.6                      | 17,500*                   | 64.5                      | 362.1                      | 17,600*                   | 66.0                      | 364.0                      | 17,600*                   | 140                       |
| 145                       | 60.7                      | 354.8                      | 14,900*                   | 61.7                      | 356.9                      | 17,300*                   | 63.3                      | 359.5                      | 17,400*                   | 64.8                      | 361.6                      | 17,400*                   | 145                       |
| 150                       | 59.4                      | 351.8                      | 14,700*                   | 60.5                      | 354.0                      | 17,000*                   | 62.0                      | 356.8                      | 17,200*                   | 63.6                      | 359.1                      | 17,100                    | 150                       |
| 155                       | 58.1                      | 348.6                      | 14,500*                   | 59.2                      | 351.0                      | 16,800*                   | 60.8                      | 354.0                      | 17,000*                   | 62.3                      | 356.4                      | 15,900                    | 155                       |
| 160                       | 56.8                      | 345.3                      | 14,300*                   | 57.9                      | 347.8                      | 16,600*                   | 59.5                      | 351.0                      | 16,800*                   | 61.1                      | 353.6                      | 14,900                    | 160                       |
| 165                       | 55.5                      | 341.8                      | 14,200*                   | 56.6                      | 344.4                      | 16,600*                   | 58.2                      | 347.9                      | 15,800                    | 59.8                      | 350.7                      | 13,900                    | 165                       |
| 170                       | 54.1                      | 338.2                      | 14,000*                   | 55.3                      | 340.9                      | 16,100*                   | 56.9                      | 344.6                      | 14,800                    | 58.5                      | 347.6                      | 13,000                    | 170                       |
| 175                       | 52.8                      | 334.3                      | 13,800*                   | 53.9                      | 337.2                      | 15,500*                   | 55.6                      | 341.1                      | 13,900                    | 57.2                      | 344.3                      | 12,100                    | 175                       |
| 180                       | 51.4                      | 330.3                      | 13,600*                   | 52.5                      | 333.4                      | 14,700                    | 54.2                      | 337.5                      | 13,000                    | 55.9                      | 340.9                      | 11,300                    | 180                       |
| 185                       | 49.9                      | 326.0                      | 13,000*                   | 51.1                      | 329.3                      | 13,800                    | 52.9                      | 333.6                      | 12,200                    | 54.6                      | 337.3                      | 10,600                    | 185                       |
| 190                       | 48.5                      | 321.5                      | 12,400*                   | 49.7                      | 325.0                      | 13,000                    | 51.5                      | 329.6                      | 11,400                    | 53.2                      | 333.5                      | 9,800                     | 190                       |
| 195                       | 47.0                      | 316.8                      | 11,800*                   | 48.2                      | 320.5                      | 12,300                    | 50.0                      | 325.4                      | 10,700                    | 51.8                      | 329.5                      | 9,200                     | 195                       |
| 200                       | 45.4                      | 311.9                      | 11,300*                   | 46.7                      | 315.7                      | 11,500                    | 48.6                      | 320.9                      | 10,000                    | 50.4                      | 325.4                      | 8,500                     | 200                       |
| 205                       | 43.8                      | 306.6                      | 10,800*                   | 45.2                      | 310.7                      | 10,800                    | 47.1                      | 316.2                      | 9,400                     | 48.9                      | 321.0                      | 7,900                     | 205                       |
| 210                       | 42.2                      | 301.1                      | 10,300*                   | 43.6                      | 305.4                      | 10,200                    | 45.6                      | 311.3                      | 8,700                     | 47.5                      | 316.3                      | 7,300                     | 210                       |
| 215                       | 40.5                      | 295.2                      | 9,800*                    | 41.9                      | 299.8                      | 9,500                     | 44.0                      | 306.1                      | 8,100                     | 45.9                      | 311.4                      | 6,700                     | 215                       |
| 220                       | 38.8                      | 288.9                      | 9,400*                    | 40.2                      | 293.9                      | 8,900                     | 42.4                      | 300.5                      | 7,600                     | 44.4                      | 306.3                      | 6,200                     | 220                       |
| 225                       | 37.0                      | 282.3                      | 9,000*                    | 38.5                      | 287.6                      | 8,300                     | 40.7                      | 294.7                      | 7,000                     | 42.7                      | 300.8                      | 5,700                     | 225                       |
| 230                       | 35.1                      | 275.1                      | 8,600*                    | 36.7                      | 280.8                      | 7,800                     | 38.9                      | 288.5                      | 6,500                     | 41.1                      | 295.1                      | 5,200                     | 230                       |
| 235                       | 33.1                      | 267.4                      | 8,200*                    | 34.7                      | 273.6                      | 7,300                     | 37.1                      | 281.8                      | 6,000                     | 39.4                      | 288.9                      | 4,700                     | 235                       |
| 240                       | 30.9                      | 259.1                      | 7,600                     | 32.7                      | 265.8                      | 6,800                     | 35.2                      | 274.7                      | 5,500                     | 37.6                      | 282.4                      | 4,300                     | 240                       |
| 245                       | 28.7                      | 250.0                      | 7,100                     | 30.6                      | 257.4                      | 6,300                     | 33.2                      | 267.1                      | 5,100                     |                           |                            |                           | 245                       |
| 250                       | 26.2                      | 240.0                      | 6,600                     | 28.3                      | 248.2                      | 5,800                     | 31.1                      | 258.8                      | 4,600                     |                           |                            |                           | 250                       |
| 255                       | 23.5                      | 228.7                      | 6,200                     | 25.8                      | 237.9                      | 5,300                     | 28.9                      | 249.8                      | 4,200                     |                           |                            |                           | 255                       |
| 260                       | 20.5                      | 215.7                      | 5,700                     | 23.1                      | 226.4                      | 4,900                     |                           |                            |                           |                           |                            |                           | 260                       |
| 265                       | 16.9                      | 200.0                      | 5,200                     | 20.0                      | 213.0                      | 4,500                     |                           |                            |                           |                           |                            |                           | 265                       |
| 270                       | 12.3                      | 179.3                      | 4,800                     | 16.3                      | 196.8                      | 4,000                     |                           |                            |                           |                           |                            |                           | 270                       |
| 275                       | 2.3                       | 133.8                      | 4,300                     |                           |                            |                           |                           |                            |                           |                           |                            |                           | 275                       |



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

New York City Code  
 Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82  
 184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 120 Ft. Boom, 200 Ft. Luffing Jib, 70 Ft. Fixed Jib

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | 80 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 90                        | 74.4                      | 389.4                      | 16,500*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 73.3                      | 387.9                      | 16,300*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 72.2                      | 386.2                      | 16,200*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 100                       |
| 105                       | 71.1                      | 384.5                      | 16,000*                   | 72.0                      | 385.7                      | 18,500*                   |                           |                            |                           |                           |                            |                           | 105                       |
| 110                       | 70.0                      | 382.6                      | 15,800*                   | 70.9                      | 383.9                      | 18,300*                   |                           |                            |                           |                           |                            |                           | 110                       |
| 115                       | 68.9                      | 380.7                      | 15,600*                   | 69.8                      | 382.0                      | 18,200*                   |                           |                            |                           |                           |                            |                           | 115                       |
| 120                       | 67.7                      | 378.6                      | 15,500*                   | 68.7                      | 380.0                      | 18,000*                   |                           |                            |                           |                           |                            |                           | 120                       |
| 125                       | 66.6                      | 376.4                      | 15,300*                   | 67.5                      | 377.9                      | 17,700*                   | 69.0                      | 379.8                      | 17,800*                   |                           |                            |                           | 125                       |
| 130                       | 65.4                      | 374.0                      | 15,200*                   | 66.4                      | 375.7                      | 17,700*                   | 67.8                      | 377.7                      | 17,600*                   |                           |                            |                           | 130                       |
| 135                       | 64.2                      | 371.6                      | 15,000*                   | 65.2                      | 373.3                      | 17,400*                   | 66.7                      | 375.5                      | 17,400*                   |                           |                            |                           | 135                       |
| 140                       | 63.1                      | 369.0                      | 14,800*                   | 64.1                      | 370.9                      | 17,200*                   | 65.5                      | 373.2                      | 17,200*                   | 66.9                      | 375.0                      | 17,100*                   | 140                       |
| 145                       | 61.9                      | 366.3                      | 14,600*                   | 62.9                      | 368.3                      | 17,000*                   | 64.3                      | 370.8                      | 17,100*                   | 65.8                      | 372.7                      | 17,000*                   | 145                       |
| 150                       | 60.7                      | 363.4                      | 14,500*                   | 61.7                      | 365.5                      | 16,800*                   | 63.2                      | 368.2                      | 16,900*                   | 64.6                      | 370.3                      | 16,500                    | 150                       |
| 155                       | 59.4                      | 360.4                      | 14,300*                   | 60.5                      | 362.6                      | 16,600*                   | 62.0                      | 365.5                      | 16,700*                   | 63.4                      | 367.8                      | 15,400                    | 155                       |
| 160                       | 58.2                      | 357.3                      | 14,200*                   | 59.2                      | 359.6                      | 16,400*                   | 60.8                      | 362.7                      | 16,300                    | 62.3                      | 365.1                      | 14,300                    | 160                       |
| 165                       | 56.9                      | 354.0                      | 14,000*                   | 58.0                      | 356.5                      | 16,200*                   | 59.5                      | 359.7                      | 15,200                    | 61.0                      | 362.3                      | 13,300                    | 165                       |
| 170                       | 55.7                      | 350.5                      | 13,900*                   | 56.7                      | 353.1                      | 15,600*                   | 58.3                      | 356.5                      | 14,300                    | 59.8                      | 359.3                      | 12,400                    | 170                       |
| 175                       | 54.4                      | 346.9                      | 13,800*                   | 55.4                      | 349.6                      | 15,000*                   | 57.0                      | 353.3                      | 13,300                    | 58.6                      | 356.3                      | 11,600                    | 175                       |
| 180                       | 53.0                      | 343.1                      | 13,400*                   | 54.1                      | 346.0                      | 14,200                    | 55.8                      | 349.8                      | 12,500                    | 57.3                      | 353.0                      | 10,800                    | 180                       |
| 185                       | 51.7                      | 339.1                      | 12,800*                   | 52.8                      | 342.2                      | 13,300                    | 54.5                      | 346.2                      | 11,700                    | 56.1                      | 349.6                      | 10,000                    | 185                       |
| 190                       | 50.3                      | 334.9                      | 12,300*                   | 51.5                      | 338.1                      | 12,500                    | 53.1                      | 342.4                      | 10,900                    | 54.8                      | 346.0                      | 9,300                     | 190                       |
| 195                       | 48.9                      | 330.5                      | 11,800*                   | 50.1                      | 333.9                      | 11,700                    | 51.8                      | 338.4                      | 10,200                    | 53.5                      | 342.3                      | 8,600                     | 195                       |
| 200                       | 47.5                      | 325.9                      | 11,200*                   | 48.7                      | 329.5                      | 11,000                    | 50.4                      | 334.3                      | 9,500                     | 52.1                      | 338.4                      | 7,900                     | 200                       |
| 205                       | 46.0                      | 321.0                      | 10,700*                   | 47.3                      | 324.8                      | 10,300                    | 49.0                      | 329.9                      | 8,800                     | 50.8                      | 334.2                      | 7,300                     | 205                       |
| 210                       | 44.5                      | 315.9                      | 10,300*                   | 45.8                      | 319.9                      | 9,700                     | 47.6                      | 325.3                      | 8,200                     | 49.4                      | 329.9                      | 6,700                     | 210                       |
| 215                       | 43.0                      | 310.5                      | 9,800*                    | 44.3                      | 314.7                      | 9,000                     | 46.2                      | 320.4                      | 7,600                     | 48.0                      | 325.3                      | 6,200                     | 215                       |
| 220                       | 41.4                      | 304.8                      | 9,300                     | 42.7                      | 309.3                      | 8,400                     | 44.7                      | 315.3                      | 7,000                     | 46.5                      | 320.6                      | 5,600                     | 220                       |
| 225                       | 39.7                      | 298.7                      | 8,800                     | 41.1                      | 303.5                      | 7,800                     | 43.1                      | 309.9                      | 6,500                     | 45.0                      | 315.5                      | 5,100                     | 225                       |
| 230                       | 38.0                      | 292.3                      | 8,200                     | 39.5                      | 297.4                      | 7,300                     | 41.5                      | 304.3                      | 6,000                     | 43.5                      | 310.2                      | 4,600                     | 230                       |
| 235                       | 36.2                      | 285.5                      | 7,600                     | 37.7                      | 290.9                      | 6,800                     | 39.9                      | 298.2                      | 5,500                     | 41.9                      | 304.6                      | 4,200                     | 235                       |
| 240                       | 34.4                      | 278.2                      | 7,100                     | 35.9                      | 284.0                      | 6,300                     | 38.2                      | 291.9                      | 5,000                     |                           |                            |                           | 240                       |
| 245                       | 32.4                      | 270.3                      | 6,600                     | 34.1                      | 276.6                      | 5,800                     | 36.4                      | 285.1                      | 4,500                     |                           |                            |                           | 245                       |
| 250                       | 30.3                      | 261.8                      | 6,100                     | 32.1                      | 268.6                      | 5,300                     | 34.5                      | 277.8                      | 4,100                     |                           |                            |                           | 250                       |
| 255                       | 28.1                      | 252.5                      | 5,600                     | 30.0                      | 260.0                      | 4,900                     |                           |                            |                           |                           |                            |                           | 255                       |
| 260                       | 25.7                      | 242.2                      | 5,200                     | 27.7                      | 250.6                      | 4,400                     |                           |                            |                           |                           |                            |                           | 260                       |
| 265                       | 23.1                      | 230.7                      | 4,700                     | 25.3                      | 240.1                      | 4,000                     |                           |                            |                           |                           |                            |                           | 265                       |
| 270                       | 20.1                      | 217.4                      | 4,300                     |                           |                            |                           |                           |                            |                           |                           |                            |                           | 270                       |



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

New York City Code  
 Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82

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

184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

### 120 Ft. Boom, 210 Ft. Luffing Jib, 70 Ft. Fixed Jib

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | 80 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 95                        | 73.9                      | 398.4                      | 15,800*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 72.9                      | 396.8                      | 15,700*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 100                       |
| 105                       | 71.8                      | 395.1                      | 15,500*                   | 72.7                      | 396.2                      | 17,900*                   |                           |                            |                           |                           |                            |                           | 105                       |
| 110                       | 70.7                      | 393.3                      | 15,400*                   | 71.6                      | 394.5                      | 17,800*                   |                           |                            |                           |                           |                            |                           | 110                       |
| 115                       | 69.6                      | 391.4                      | 15,300*                   | 70.6                      | 392.7                      | 17,700*                   |                           |                            |                           |                           |                            |                           | 115                       |
| 120                       | 68.6                      | 389.4                      | 15,100*                   | 69.5                      | 390.8                      | 17,500*                   |                           |                            |                           |                           |                            |                           | 120                       |
| 125                       | 67.5                      | 387.3                      | 14,900*                   | 68.4                      | 388.8                      | 17,300*                   | 69.7                      | 390.6                      | 17,300*                   |                           |                            |                           | 125                       |
| 130                       | 66.3                      | 385.1                      | 14,800*                   | 67.3                      | 386.6                      | 17,200*                   | 68.6                      | 388.6                      | 17,200*                   |                           |                            |                           | 130                       |
| 135                       | 65.2                      | 382.7                      | 14,600*                   | 66.2                      | 384.4                      | 17,000*                   | 67.5                      | 386.5                      | 17,000*                   |                           |                            |                           | 135                       |
| 140                       | 64.1                      | 380.2                      | 14,500*                   | 65.0                      | 382.0                      | 16,800*                   | 66.4                      | 384.2                      | 16,900*                   |                           |                            |                           | 140                       |
| 145                       | 63.0                      | 377.7                      | 14,300*                   | 63.9                      | 379.5                      | 16,600*                   | 65.3                      | 381.9                      | 16,700*                   | 66.7                      | 383.7                      | 16,700*                   | 145                       |
| 150                       | 61.8                      | 374.9                      | 14,200*                   | 62.8                      | 376.9                      | 16,500*                   | 64.2                      | 379.4                      | 16,600*                   | 65.6                      | 381.4                      | 15,900                    | 150                       |
| 155                       | 60.6                      | 372.1                      | 14,000*                   | 61.6                      | 374.2                      | 16,300*                   | 63.1                      | 376.9                      | 16,400*                   | 64.5                      | 379.0                      | 14,800                    | 155                       |
| 160                       | 59.5                      | 369.1                      | 13,900*                   | 60.4                      | 371.3                      | 16,100*                   | 61.9                      | 374.2                      | 15,700                    | 63.3                      | 376.4                      | 13,800                    | 160                       |
| 165                       | 58.3                      | 366.0                      | 13,800*                   | 59.3                      | 368.3                      | 15,400*                   | 60.7                      | 371.3                      | 14,700                    | 62.2                      | 373.8                      | 12,800                    | 165                       |
| 170                       | 57.0                      | 362.7                      | 13,700*                   | 58.1                      | 365.1                      | 14,800*                   | 59.6                      | 368.3                      | 13,700                    | 61.0                      | 371.0                      | 11,900                    | 170                       |
| 175                       | 55.8                      | 359.2                      | 13,500*                   | 56.8                      | 361.8                      | 14,300*                   | 58.4                      | 365.2                      | 12,800                    | 59.8                      | 368.0                      | 11,000                    | 175                       |
| 180                       | 54.6                      | 355.6                      | 13,100*                   | 55.6                      | 358.4                      | 13,700                    | 57.1                      | 361.9                      | 12,000                    | 58.6                      | 364.9                      | 10,200                    | 180                       |
| 185                       | 53.3                      | 351.9                      | 12,600*                   | 54.4                      | 354.7                      | 12,800                    | 55.9                      | 358.5                      | 11,100                    | 57.4                      | 361.7                      | 9,500                     | 185                       |
| 190                       | 52.0                      | 347.9                      | 12,100*                   | 53.1                      | 350.9                      | 12,000                    | 54.7                      | 354.9                      | 10,400                    | 56.2                      | 358.3                      | 8,700                     | 190                       |
| 195                       | 50.7                      | 343.8                      | 11,600*                   | 51.8                      | 347.0                      | 11,200                    | 53.4                      | 351.2                      | 9,600                     | 55.0                      | 354.8                      | 8,100                     | 195                       |
| 200                       | 49.4                      | 339.5                      | 11,100*                   | 50.5                      | 342.8                      | 10,500                    | 52.1                      | 347.2                      | 9,000                     | 53.7                      | 351.0                      | 7,400                     | 200                       |
| 205                       | 48.0                      | 334.9                      | 10,700*                   | 49.1                      | 338.4                      | 9,800                     | 50.8                      | 343.1                      | 8,300                     | 52.4                      | 347.2                      | 6,800                     | 205                       |
| 210                       | 46.6                      | 330.1                      | 10,100                    | 47.8                      | 333.8                      | 9,200                     | 49.5                      | 338.8                      | 7,700                     | 51.1                      | 343.1                      | 6,200                     | 210                       |
| 215                       | 45.1                      | 325.1                      | 9,500                     | 46.3                      | 329.0                      | 8,500                     | 48.1                      | 334.3                      | 7,100                     | 49.8                      | 338.8                      | 5,700                     | 215                       |
| 220                       | 43.7                      | 319.9                      | 8,900                     | 44.9                      | 324.0                      | 7,900                     | 46.7                      | 329.5                      | 6,500                     | 48.4                      | 334.3                      | 5,100                     | 220                       |
| 225                       | 42.2                      | 314.3                      | 8,300                     | 43.4                      | 318.7                      | 7,300                     | 45.3                      | 324.5                      | 6,000                     | 47.0                      | 329.6                      | 4,600                     | 225                       |
| 230                       | 40.6                      | 308.4                      | 7,700                     | 41.9                      | 313.1                      | 6,800                     | 43.8                      | 319.3                      | 5,500                     | 45.6                      | 324.7                      | 4,100                     | 230                       |
| 235                       | 39.0                      | 302.2                      | 7,100                     | 40.3                      | 307.1                      | 6,300                     | 42.3                      | 313.8                      | 5,000                     |                           |                            |                           | 235                       |
| 240                       | 37.3                      | 295.6                      | 6,600                     | 38.7                      | 300.9                      | 5,800                     | 40.7                      | 307.9                      | 4,500                     |                           |                            |                           | 240                       |
| 245                       | 35.6                      | 288.6                      | 6,100                     | 37.0                      | 294.2                      | 5,300                     | 39.1                      | 301.7                      | 4,000                     |                           |                            |                           | 245                       |
| 250                       | 33.7                      | 281.1                      | 5,600                     | 35.3                      | 287.1                      | 4,800                     |                           |                            |                           |                           |                            |                           | 250                       |
| 255                       | 31.8                      | 273.1                      | 5,200                     | 33.4                      | 279.5                      | 4,400                     |                           |                            |                           |                           |                            |                           | 255                       |
| 260                       | 29.8                      | 264.4                      | 4,700                     |                           |                            |                           |                           |                            |                           |                           |                            |                           | 260                       |
| 265                       | 27.6                      | 254.9                      | 4,300                     |                           |                            |                           |                           |                            |                           |                           |                            |                           | 265                       |





# Liftcrane Fixed Jib Capacities

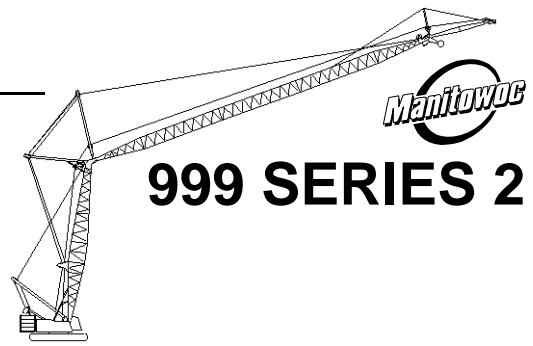
## 999 SERIES 2

New York City Code  
Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

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

### 120 Ft. Boom, 170 Ft. Luffing Jib, 80 Ft. Fixed Jib

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | 80 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 85                        | 74.1                      | 370.1                      | 14,100*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 85                        |
| 90                        | 72.9                      | 368.6                      | 13,900*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 71.7                      | 366.9                      | 13,700*                   | 72.7                      | 368.0                      | 15,800*                   |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 70.5                      | 365.1                      | 13,500*                   | 71.5                      | 366.3                      | 15,600*                   |                           |                            |                           |                           |                            |                           | 100                       |
| 105                       | 69.3                      | 363.2                      | 13,300*                   | 70.3                      | 364.5                      | 15,400*                   |                           |                            |                           |                           |                            |                           | 105                       |
| 110                       | 68.1                      | 361.2                      | 13,000*                   | 69.1                      | 362.6                      | 15,100*                   |                           |                            |                           |                           |                            |                           | 110                       |
| 115                       | 66.8                      | 359.0                      | 12,800*                   | 67.9                      | 360.5                      | 14,900*                   | 69.4                      | 362.3                      | 15,100*                   |                           |                            |                           | 115                       |
| 120                       | 65.6                      | 356.7                      | 12,600*                   | 66.6                      | 358.3                      | 14,700*                   | 68.2                      | 360.3                      | 14,800*                   |                           |                            |                           | 120                       |
| 125                       | 64.3                      | 354.3                      | 12,400*                   | 65.4                      | 356.0                      | 14,400*                   | 66.9                      | 358.2                      | 14,600*                   |                           |                            |                           | 125                       |
| 130                       | 63.0                      | 351.7                      | 12,300*                   | 64.1                      | 353.6                      | 14,200*                   | 65.7                      | 355.9                      | 14,400*                   |                           |                            |                           | 130                       |
| 135                       | 61.8                      | 349.0                      | 12,100*                   | 62.8                      | 351.0                      | 14,000*                   | 64.4                      | 353.5                      | 14,200*                   | 66.0                      | 355.4                      | 14,300*                   | 135                       |
| 140                       | 60.5                      | 346.2                      | 11,900*                   | 61.5                      | 348.3                      | 13,800*                   | 63.2                      | 350.9                      | 13,900*                   | 64.7                      | 353.0                      | 14,000*                   | 140                       |
| 145                       | 59.1                      | 343.2                      | 11,700*                   | 60.2                      | 345.4                      | 13,600*                   | 61.9                      | 348.3                      | 13,700*                   | 63.5                      | 350.5                      | 13,900*                   | 145                       |
| 150                       | 57.8                      | 340.0                      | 11,500*                   | 58.9                      | 342.4                      | 13,400*                   | 60.6                      | 345.4                      | 13,600*                   | 62.2                      | 347.9                      | 13,700*                   | 150                       |
| 155                       | 56.4                      | 336.7                      | 11,500*                   | 57.6                      | 339.2                      | 13,200*                   | 59.2                      | 342.4                      | 13,300*                   | 60.9                      | 345.1                      | 13,600*                   | 155                       |
| 160                       | 55.0                      | 333.2                      | 11,200*                   | 56.2                      | 335.8                      | 13,000*                   | 57.9                      | 339.3                      | 13,100*                   | 59.6                      | 342.1                      | 13,200*                   | 160                       |
| 165                       | 53.6                      | 329.5                      | 11,000*                   | 54.8                      | 332.3                      | 12,800*                   | 56.5                      | 336.0                      | 13,000*                   | 58.2                      | 339.0                      | 13,100*                   | 165                       |
| 170                       | 52.2                      | 325.6                      | 10,900*                   | 53.4                      | 328.6                      | 12,600*                   | 55.2                      | 332.5                      | 12,700*                   | 56.9                      | 335.7                      | 12,900*                   | 170                       |
| 175                       | 50.7                      | 321.5                      | 10,700*                   | 52.0                      | 324.7                      | 12,500*                   | 53.8                      | 328.8                      | 12,600*                   | 55.5                      | 332.3                      | 12,700*                   | 175                       |
| 180                       | 49.2                      | 317.2                      | 10,600*                   | 50.5                      | 320.5                      | 12,200*                   | 52.3                      | 324.9                      | 12,400*                   | 54.1                      | 328.7                      | 12,300*                   | 180                       |
| 185                       | 47.7                      | 312.7                      | 10,400*                   | 49.0                      | 316.2                      | 12,100*                   | 50.9                      | 320.9                      | 12,200*                   | 52.7                      | 324.8                      | 11,600*                   | 185                       |
| 190                       | 46.1                      | 307.8                      | 10,400*                   | 47.4                      | 311.6                      | 11,900*                   | 49.4                      | 316.6                      | 12,000*                   | 51.2                      | 320.8                      | 10,800*                   | 190                       |
| 195                       | 44.5                      | 302.8                      | 10,100*                   | 45.9                      | 306.7                      | 11,700*                   | 47.8                      | 312.0                      | 11,700*                   | 49.7                      | 316.6                      | 10,100*                   | 195                       |
| 200                       | 42.9                      | 297.4                      | 10,000*                   | 44.2                      | 301.6                      | 11,600*                   | 46.3                      | 307.2                      | 11,000*                   | 48.2                      | 312.1                      | 9,500*                    | 200                       |
| 205                       | 41.1                      | 291.7                      | 9,900*                    | 42.6                      | 296.2                      | 11,400*                   | 44.7                      | 302.2                      | 10,300*                   | 46.6                      | 307.4                      | 8,900*                    | 205                       |
| 210                       | 39.3                      | 285.6                      | 9,800*                    | 40.8                      | 290.4                      | 11,100*                   | 43.0                      | 296.8                      | 9,700*                    | 45.0                      | 302.4                      | 8,300*                    | 210                       |
| 215                       | 37.5                      | 279.1                      | 9,500*                    | 39.0                      | 284.3                      | 10,500*                   | 41.3                      | 291.2                      | 9,100*                    | 43.4                      | 297.1                      | 7,700*                    | 215                       |
| 220                       | 35.6                      | 272.2                      | 9,100*                    | 37.2                      | 277.7                      | 9,900*                    | 39.5                      | 285.1                      | 8,600*                    | 41.7                      | 291.5                      | 7,200*                    | 220                       |
| 225                       | 33.5                      | 264.7                      | 8,600*                    | 35.2                      | 270.7                      | 9,300*                    | 37.7                      | 278.7                      | 8,000*                    | 39.9                      | 285.5                      | 6,700*                    | 225                       |
| 230                       | 31.4                      | 256.6                      | 8,200*                    | 33.2                      | 263.1                      | 8,800*                    | 35.7                      | 271.8                      | 7,500*                    | 38.1                      | 279.2                      | 6,200*                    | 230                       |
| 235                       | 29.0                      | 247.7                      | 7,900*                    | 31.0                      | 254.9                      | 8,300*                    | 33.7                      | 264.3                      | 7,000*                    | 36.2                      | 272.4                      | 5,700*                    | 235                       |
| 240                       | 26.6                      | 237.9                      | 7,500*                    | 28.6                      | 245.9                      | 7,800*                    | 31.5                      | 256.3                      | 6,500*                    | 34.2                      | 265.1                      | 5,300*                    | 240                       |
| 245                       | 23.8                      | 226.9                      | 7,200*                    | 26.1                      | 235.9                      | 7,300*                    | 29.2                      | 247.5                      | 6,100*                    | 32.1                      | 257.2                      | 4,900*                    | 245                       |
| 250                       | 20.7                      | 214.2                      | 6,900*                    | 23.3                      | 224.6                      | 6,800*                    | 26.8                      | 237.8                      | 5,600*                    | 29.8                      | 248.6                      | 4,400*                    | 250                       |
| 255                       | 17.1                      | 198.9                      | 6,700*                    | 20.2                      | 211.6                      | 6,300*                    | 24.0                      | 226.9                      | 5,200*                    | 27.4                      | 239.1                      | 4,000*                    | 255                       |
| 260                       | 12.4                      | 178.7                      | 6,500*                    | 16.4                      | 195.7                      | 5,900*                    | 21.0                      | 214.3                      | 4,800*                    |                           |                            |                           | 260                       |
| 265                       | 2.7                       | 136.5                      | 6,100*                    | 11.4                      | 174.2                      | 5,400*                    | 17.4                      | 199.3                      | 4,400*                    |                           |                            |                           | 265                       |



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

New York City Code  
 Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82

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

184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

### 120 Ft. Boom, 180 Ft. Luffing Jib, 80 Ft. Fixed Jib

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | 80 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 85                        | 74.7                      | 380.5                      | 13,900*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 85                        |
| 90                        | 73.6                      | 379.1                      | 13,700*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 72.4                      | 377.5                      | 13,500*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 71.3                      | 375.7                      | 13,300*                   | 72.2                      | 376.9                      | 15,400*                   |                           |                            |                           |                           |                            |                           | 100                       |
| 105                       | 70.1                      | 373.9                      | 13,100*                   | 71.1                      | 375.2                      | 15,200*                   |                           |                            |                           |                           |                            |                           | 105                       |
| 110                       | 68.9                      | 372.0                      | 12,900*                   | 69.9                      | 373.3                      | 15,000*                   |                           |                            |                           |                           |                            |                           | 110                       |
| 115                       | 67.8                      | 369.9                      | 12,700*                   | 68.7                      | 371.3                      | 14,700*                   |                           |                            |                           |                           |                            |                           | 115                       |
| 120                       | 66.6                      | 367.7                      | 12,500*                   | 67.6                      | 369.3                      | 14,500*                   | 69.0                      | 371.1                      | 14,700*                   |                           |                            |                           | 120                       |
| 125                       | 65.4                      | 365.4                      | 12,400*                   | 66.4                      | 367.1                      | 14,300*                   | 67.9                      | 369.1                      | 14,500*                   |                           |                            |                           | 125                       |
| 130                       | 64.2                      | 363.0                      | 12,200*                   | 65.2                      | 364.7                      | 14,100*                   | 66.7                      | 366.9                      | 14,300*                   |                           |                            |                           | 130                       |
| 135                       | 62.9                      | 360.4                      | 12,000*                   | 64.0                      | 362.3                      | 13,900*                   | 65.5                      | 364.6                      | 14,100*                   | 67.0                      | 366.4                      | 14,200*                   | 135                       |
| 140                       | 61.7                      | 357.7                      | 11,800*                   | 62.7                      | 359.7                      | 13,700*                   | 64.3                      | 362.2                      | 13,900*                   | 65.8                      | 364.1                      | 13,900*                   | 140                       |
| 145                       | 60.4                      | 354.9                      | 11,700*                   | 61.5                      | 356.9                      | 13,500*                   | 63.0                      | 359.6                      | 13,600*                   | 64.5                      | 361.7                      | 13,700*                   | 145                       |
| 150                       | 59.2                      | 351.9                      | 11,500*                   | 60.2                      | 354.1                      | 13,300*                   | 61.8                      | 356.9                      | 13,500*                   | 63.3                      | 359.2                      | 13,600*                   | 150                       |
| 155                       | 57.9                      | 348.7                      | 11,300*                   | 59.0                      | 351.1                      | 13,100*                   | 60.5                      | 354.1                      | 13,300*                   | 62.1                      | 356.5                      | 13,400*                   | 155                       |
| 160                       | 56.6                      | 345.4                      | 11,200*                   | 57.7                      | 347.9                      | 12,900*                   | 59.3                      | 351.1                      | 13,200*                   | 60.8                      | 353.7                      | 13,200*                   | 160                       |
| 165                       | 55.2                      | 341.9                      | 11,000*                   | 56.3                      | 344.5                      | 12,700*                   | 58.0                      | 348.0                      | 12,900*                   | 59.6                      | 350.8                      | 13,100*                   | 165                       |
| 170                       | 53.9                      | 338.3                      | 10,900*                   | 55.0                      | 341.0                      | 12,700*                   | 56.7                      | 344.7                      | 12,700*                   | 58.3                      | 347.7                      | 12,800*                   | 170                       |
| 175                       | 52.5                      | 334.4                      | 10,700*                   | 53.7                      | 337.3                      | 12,400*                   | 55.4                      | 341.2                      | 12,500*                   | 57.0                      | 344.4                      | 12,500*                   | 175                       |
| 180                       | 51.1                      | 330.4                      | 10,500*                   | 52.3                      | 333.5                      | 12,200*                   | 54.0                      | 337.5                      | 12,300*                   | 55.7                      | 341.0                      | 11,700                    | 180                       |
| 185                       | 49.7                      | 326.1                      | 10,400*                   | 50.9                      | 329.4                      | 12,000*                   | 52.6                      | 333.7                      | 12,200*                   | 54.3                      | 337.4                      | 10,900                    | 185                       |
| 190                       | 48.2                      | 321.6                      | 10,300*                   | 49.4                      | 325.1                      | 11,900*                   | 51.2                      | 329.7                      | 11,800                    | 53.0                      | 333.6                      | 10,200                    | 190                       |
| 195                       | 46.7                      | 316.9                      | 10,100*                   | 48.0                      | 320.6                      | 11,700*                   | 49.8                      | 325.5                      | 11,100                    | 51.6                      | 329.6                      | 9,500                     | 195                       |
| 200                       | 45.2                      | 312.0                      | 10,000*                   | 46.5                      | 315.8                      | 11,500*                   | 48.3                      | 321.0                      | 10,400                    | 50.1                      | 325.5                      | 8,900                     | 200                       |
| 205                       | 43.6                      | 306.7                      | 9,900*                    | 44.9                      | 310.8                      | 11,100*                   | 46.8                      | 316.3                      | 9,700                     | 48.7                      | 321.1                      | 8,300                     | 205                       |
| 210                       | 42.0                      | 301.2                      | 9,700*                    | 43.3                      | 305.5                      | 10,600                    | 45.3                      | 311.4                      | 9,100                     | 47.2                      | 316.4                      | 7,700                     | 210                       |
| 215                       | 40.3                      | 295.3                      | 9,600*                    | 41.7                      | 299.9                      | 9,900                     | 43.7                      | 306.2                      | 8,500                     | 45.7                      | 311.5                      | 7,100                     | 215                       |
| 220                       | 38.5                      | 289.1                      | 9,200*                    | 40.0                      | 294.0                      | 9,300                     | 42.1                      | 300.6                      | 8,000                     | 44.1                      | 306.4                      | 6,600                     | 220                       |
| 225                       | 36.7                      | 282.4                      | 8,800*                    | 38.3                      | 287.7                      | 8,800                     | 40.4                      | 294.8                      | 7,400                     | 42.5                      | 301.0                      | 6,100                     | 225                       |
| 230                       | 34.8                      | 275.3                      | 8,400*                    | 36.4                      | 281.0                      | 8,200                     | 38.7                      | 288.6                      | 6,900                     | 40.8                      | 295.2                      | 5,600                     | 230                       |
| 235                       | 32.8                      | 267.6                      | 8,000*                    | 34.5                      | 273.7                      | 7,700                     | 36.9                      | 282.0                      | 6,400                     | 39.1                      | 289.1                      | 5,100                     | 235                       |
| 240                       | 30.7                      | 259.3                      | 7,700*                    | 32.5                      | 266.0                      | 7,200                     | 35.0                      | 274.9                      | 5,900                     | 37.3                      | 282.5                      | 4,700                     | 240                       |
| 245                       | 28.5                      | 250.2                      | 7,300*                    | 30.4                      | 257.6                      | 6,700                     | 33.0                      | 267.2                      | 5,500                     | 35.5                      | 275.6                      | 4,200                     | 245                       |
| 250                       | 26.0                      | 240.2                      | 7,000*                    | 28.1                      | 248.3                      | 6,200                     | 30.9                      | 259.0                      | 5,000                     |                           |                            |                           | 250                       |
| 255                       | 23.3                      | 228.9                      | 6,600                     | 25.6                      | 238.1                      | 5,800                     | 28.7                      | 250.0                      | 4,600                     |                           |                            |                           | 255                       |
| 260                       | 20.3                      | 215.9                      | 6,100                     | 22.9                      | 226.6                      | 5,300                     | 26.2                      | 240.0                      | 4,200                     |                           |                            |                           | 260                       |
| 265                       | 16.7                      | 200.3                      | 5,700                     | 19.8                      | 213.3                      | 4,900                     |                           |                            |                           |                           |                            |                           | 265                       |
| 270                       | 12.1                      | 179.7                      | 5,200                     | 16.1                      | 197.1                      | 4,500                     |                           |                            |                           |                           |                            |                           | 270                       |
| 275                       | 2.6                       | 136.6                      | 4,700                     | 11.2                      | 175.2                      | 4,100                     |                           |                            |                           |                           |                            |                           | 275                       |



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

New York City Code  
Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

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

### 120 Ft. Boom, 190 Ft. Luffing Jib, 80 Ft. Fixed Jib

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | 80 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 90                        | 74.2                      | 389.5                      | 13,500*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 73.1                      | 388.0                      | 13,300*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 72.0                      | 386.3                      | 13,100*                   | 72.9                      | 387.4                      | 15,200*                   |                           |                            |                           |                           |                            |                           | 100                       |
| 105                       | 70.9                      | 384.6                      | 13,000*                   | 71.8                      | 385.7                      | 15,000*                   |                           |                            |                           |                           |                            |                           | 105                       |
| 110                       | 69.7                      | 382.7                      | 12,800*                   | 70.7                      | 384.0                      | 14,800*                   |                           |                            |                           |                           |                            |                           | 110                       |
| 115                       | 68.6                      | 380.7                      | 12,600*                   | 69.6                      | 382.1                      | 14,600*                   |                           |                            |                           |                           |                            |                           | 115                       |
| 120                       | 67.5                      | 378.7                      | 12,400*                   | 68.4                      | 380.1                      | 14,400*                   | 69.8                      | 381.9                      | 14,500*                   |                           |                            |                           | 120                       |
| 125                       | 66.3                      | 376.4                      | 12,300*                   | 67.3                      | 378.0                      | 14,200*                   | 68.7                      | 379.9                      | 14,300*                   |                           |                            |                           | 125                       |
| 130                       | 65.2                      | 374.1                      | 12,100*                   | 66.1                      | 375.8                      | 14,000*                   | 67.6                      | 377.8                      | 14,100*                   |                           |                            |                           | 130                       |
| 135                       | 64.0                      | 371.7                      | 11,900*                   | 65.0                      | 373.4                      | 13,800*                   | 66.4                      | 375.6                      | 13,900*                   |                           |                            |                           | 135                       |
| 140                       | 62.8                      | 369.1                      | 11,800*                   | 63.8                      | 370.9                      | 13,600*                   | 65.3                      | 373.3                      | 13,700*                   | 66.7                      | 375.1                      | 13,800*                   | 140                       |
| 145                       | 61.6                      | 366.4                      | 11,600*                   | 62.6                      | 368.3                      | 13,400*                   | 64.1                      | 370.9                      | 13,500*                   | 65.5                      | 372.8                      | 13,600*                   | 145                       |
| 150                       | 60.4                      | 363.5                      | 11,400*                   | 61.4                      | 365.6                      | 13,200*                   | 62.9                      | 368.3                      | 13,400*                   | 64.4                      | 370.4                      | 13,400*                   | 150                       |
| 155                       | 59.2                      | 360.5                      | 11,300*                   | 60.2                      | 362.7                      | 13,000*                   | 61.7                      | 365.6                      | 13,200*                   | 63.2                      | 367.9                      | 13,300*                   | 155                       |
| 160                       | 58.0                      | 357.4                      | 11,100*                   | 59.0                      | 359.7                      | 13,000*                   | 60.5                      | 362.7                      | 13,100*                   | 62.0                      | 365.2                      | 13,100*                   | 160                       |
| 165                       | 56.7                      | 354.1                      | 11,000*                   | 57.7                      | 356.5                      | 12,700*                   | 59.3                      | 359.8                      | 12,800*                   | 60.8                      | 362.4                      | 13,000*                   | 165                       |
| 170                       | 55.4                      | 350.6                      | 10,800*                   | 56.5                      | 353.2                      | 12,500*                   | 58.1                      | 356.6                      | 12,600*                   | 59.6                      | 359.4                      | 12,800*                   | 170                       |
| 175                       | 54.1                      | 347.0                      | 10,700*                   | 55.2                      | 349.7                      | 12,300*                   | 56.8                      | 353.3                      | 12,600*                   | 58.4                      | 356.3                      | 12,000                    | 175                       |
| 180                       | 52.8                      | 343.2                      | 10,500*                   | 53.9                      | 346.1                      | 12,200*                   | 55.5                      | 349.9                      | 12,400*                   | 57.1                      | 353.1                      | 11,200                    | 180                       |
| 185                       | 51.5                      | 339.2                      | 10,500*                   | 52.6                      | 342.3                      | 12,000*                   | 54.2                      | 346.3                      | 12,100                    | 55.8                      | 349.7                      | 10,500                    | 185                       |
| 190                       | 50.1                      | 335.0                      | 10,200*                   | 51.2                      | 338.2                      | 11,800*                   | 52.9                      | 342.5                      | 11,400                    | 54.5                      | 346.1                      | 9,800                     | 190                       |
| 195                       | 48.7                      | 330.6                      | 10,100*                   | 49.9                      | 334.0                      | 11,700*                   | 51.6                      | 338.5                      | 10,600                    | 53.2                      | 342.4                      | 9,100                     | 195                       |
| 200                       | 47.3                      | 326.0                      | 10,000*                   | 48.5                      | 329.6                      | 11,500                    | 50.2                      | 334.4                      | 10,000                    | 51.9                      | 338.5                      | 8,400                     | 200                       |
| 205                       | 45.8                      | 321.1                      | 9,800*                    | 47.0                      | 324.9                      | 10,800                    | 48.8                      | 330.0                      | 9,300                     | 50.5                      | 334.3                      | 7,800                     | 205                       |
| 210                       | 44.3                      | 316.0                      | 9,700*                    | 45.6                      | 320.0                      | 10,100                    | 47.4                      | 325.4                      | 8,700                     | 49.1                      | 330.0                      | 7,200                     | 210                       |
| 215                       | 42.7                      | 310.6                      | 9,600*                    | 44.0                      | 314.8                      | 9,500                     | 45.9                      | 320.5                      | 8,100                     | 47.7                      | 325.5                      | 6,700                     | 215                       |
| 220                       | 41.2                      | 304.9                      | 9,300*                    | 42.5                      | 309.4                      | 8,900                     | 44.4                      | 315.4                      | 7,500                     | 46.3                      | 320.7                      | 6,100                     | 220                       |
| 225                       | 39.5                      | 298.9                      | 8,900*                    | 40.9                      | 303.6                      | 8,300                     | 42.9                      | 310.1                      | 7,000                     | 44.8                      | 315.6                      | 5,600                     | 225                       |
| 230                       | 37.8                      | 292.4                      | 8,500*                    | 39.2                      | 297.5                      | 7,800                     | 41.3                      | 304.4                      | 6,500                     | 43.3                      | 310.3                      | 5,200                     | 230                       |
| 235                       | 36.0                      | 285.6                      | 8,100*                    | 37.5                      | 291.1                      | 7,300                     | 39.6                      | 298.4                      | 6,000                     | 41.7                      | 304.7                      | 4,700                     | 235                       |
| 240                       | 34.2                      | 278.3                      | 7,700                     | 35.7                      | 284.1                      | 6,800                     | 37.9                      | 292.0                      | 5,500                     | 40.0                      | 298.8                      | 4,200                     | 240                       |
| 245                       | 32.2                      | 270.4                      | 7,200                     | 33.8                      | 276.8                      | 6,300                     | 36.2                      | 285.2                      | 5,000                     |                           |                            |                           | 245                       |
| 250                       | 30.1                      | 261.9                      | 6,700                     | 31.9                      | 268.8                      | 5,800                     | 34.3                      | 277.9                      | 4,600                     |                           |                            |                           | 250                       |
| 255                       | 27.9                      | 252.6                      | 6,200                     | 29.8                      | 260.2                      | 5,400                     | 32.4                      | 270.1                      | 4,200                     |                           |                            |                           | 255                       |
| 260                       | 25.5                      | 242.4                      | 5,800                     | 27.5                      | 250.7                      | 4,900                     |                           |                            |                           |                           |                            |                           | 260                       |
| 265                       | 22.9                      | 230.9                      | 5,300                     | 25.1                      | 240.3                      | 4,500                     |                           |                            |                           |                           |                            |                           | 265                       |
| 270                       | 19.9                      | 217.6                      | 4,900                     | 22.4                      | 228.5                      | 4,100                     |                           |                            |                           |                           |                            |                           | 270                       |
| 275                       | 16.4                      | 201.7                      | 4,500                     |                           |                            |                           |                           |                            |                           |                           |                            |                           | 275                       |
| 280                       | 11.9                      | 180.7                      | 4,100                     |                           |                            |                           |                           |                            |                           |                           |                            |                           | 280                       |



# Liftcrane Fixed Jib Capacities

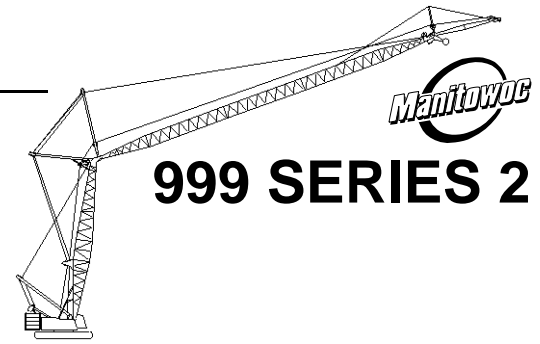
## 999 SERIES 2

New York City Code  
 Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82  
 184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 120 Ft. Boom, 200 Ft. Luffing Jib, 80 Ft. Fixed Jib

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | 80 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 90                        | 74.8                      | 399.9                      | 13,200*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 73.7                      | 398.4                      | 13,100*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 72.6                      | 396.9                      | 12,900*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 100                       |
| 105                       | 71.6                      | 395.2                      | 12,800*                   | 72.5                      | 396.3                      | 14,700*                   |                           |                            |                           |                           |                            |                           | 105                       |
| 110                       | 70.5                      | 393.4                      | 12,600*                   | 71.4                      | 394.6                      | 14,600*                   |                           |                            |                           |                           |                            |                           | 110                       |
| 115                       | 69.4                      | 391.5                      | 12,400*                   | 70.3                      | 392.8                      | 14,400*                   |                           |                            |                           |                           |                            |                           | 115                       |
| 120                       | 68.3                      | 389.5                      | 12,300*                   | 69.2                      | 390.9                      | 14,200*                   |                           |                            |                           |                           |                            |                           | 120                       |
| 125                       | 67.2                      | 387.4                      | 12,100*                   | 68.1                      | 388.9                      | 14,000*                   | 69.5                      | 390.6                      | 14,100*                   |                           |                            |                           | 125                       |
| 130                       | 66.1                      | 385.2                      | 12,000*                   | 67.0                      | 386.7                      | 13,800*                   | 68.4                      | 388.7                      | 13,900*                   |                           |                            |                           | 130                       |
| 135                       | 65.0                      | 382.8                      | 11,800*                   | 65.9                      | 384.5                      | 13,600*                   | 67.3                      | 386.5                      | 13,700*                   |                           |                            |                           | 135                       |
| 140                       | 63.9                      | 380.3                      | 11,700*                   | 64.8                      | 382.1                      | 13,500*                   | 66.2                      | 384.3                      | 13,600*                   |                           |                            |                           | 140                       |
| 145                       | 62.7                      | 377.7                      | 11,500*                   | 63.7                      | 379.6                      | 13,300*                   | 65.1                      | 382.0                      | 13,400*                   | 66.5                      | 383.8                      | 13,500*                   | 145                       |
| 150                       | 61.6                      | 375.0                      | 11,300*                   | 62.5                      | 377.0                      | 13,100*                   | 64.0                      | 379.5                      | 13,200*                   | 65.4                      | 381.5                      | 13,200*                   | 150                       |
| 155                       | 60.4                      | 372.2                      | 11,200*                   | 61.4                      | 374.3                      | 12,900*                   | 62.8                      | 377.0                      | 13,000*                   | 64.2                      | 379.1                      | 13,200*                   | 155                       |
| 160                       | 59.2                      | 369.2                      | 11,000*                   | 60.2                      | 371.4                      | 12,900*                   | 61.7                      | 374.2                      | 12,900*                   | 63.1                      | 376.5                      | 12,900*                   | 160                       |
| 165                       | 58.0                      | 366.0                      | 10,900*                   | 59.0                      | 368.4                      | 12,600*                   | 60.5                      | 371.4                      | 12,700*                   | 61.9                      | 373.9                      | 12,900*                   | 165                       |
| 170                       | 56.8                      | 362.8                      | 10,800*                   | 57.8                      | 365.2                      | 12,400*                   | 59.3                      | 368.4                      | 12,600*                   | 60.8                      | 371.0                      | 12,300                    | 170                       |
| 175                       | 55.6                      | 359.3                      | 10,600*                   | 56.6                      | 361.9                      | 12,200*                   | 58.1                      | 365.3                      | 12,400*                   | 59.6                      | 368.1                      | 11,500                    | 175                       |
| 180                       | 54.3                      | 355.7                      | 10,500*                   | 55.4                      | 358.5                      | 12,100*                   | 56.9                      | 362.0                      | 12,300*                   | 58.4                      | 365.0                      | 10,700                    | 180                       |
| 185                       | 53.1                      | 352.0                      | 10,400*                   | 54.1                      | 354.8                      | 12,000*                   | 55.7                      | 358.6                      | 11,600                    | 57.2                      | 361.8                      | 9,900                     | 185                       |
| 190                       | 51.8                      | 348.0                      | 10,200*                   | 52.9                      | 351.0                      | 11,800*                   | 54.4                      | 355.0                      | 10,800                    | 56.0                      | 358.4                      | 9,200                     | 190                       |
| 195                       | 50.5                      | 343.9                      | 10,100*                   | 51.6                      | 347.1                      | 11,700*                   | 53.2                      | 351.3                      | 10,100                    | 54.7                      | 354.9                      | 8,500                     | 195                       |
| 200                       | 49.1                      | 339.6                      | 10,000*                   | 50.2                      | 342.9                      | 11,000                    | 51.9                      | 347.3                      | 9,400                     | 53.5                      | 351.1                      | 7,900                     | 200                       |
| 205                       | 47.8                      | 335.0                      | 9,900*                    | 48.9                      | 338.5                      | 10,300                    | 50.6                      | 343.2                      | 8,800                     | 52.2                      | 347.3                      | 7,200                     | 205                       |
| 210                       | 46.4                      | 330.2                      | 9,700*                    | 47.5                      | 334.0                      | 9,600                     | 49.2                      | 338.9                      | 8,100                     | 50.9                      | 343.2                      | 6,700                     | 210                       |
| 215                       | 44.9                      | 325.2                      | 9,600*                    | 46.1                      | 329.1                      | 9,000                     | 47.9                      | 334.4                      | 7,600                     | 49.6                      | 338.9                      | 6,100                     | 215                       |
| 220                       | 43.4                      | 320.0                      | 9,300*                    | 44.7                      | 324.1                      | 8,400                     | 46.5                      | 329.6                      | 7,000                     | 48.2                      | 334.4                      | 5,600                     | 220                       |
| 225                       | 41.9                      | 314.4                      | 8,700                     | 43.2                      | 318.8                      | 7,800                     | 45.0                      | 324.7                      | 6,500                     | 46.8                      | 329.8                      | 5,100                     | 225                       |
| 230                       | 40.4                      | 308.6                      | 8,200                     | 41.7                      | 313.2                      | 7,300                     | 43.6                      | 319.4                      | 5,900                     | 45.4                      | 324.8                      | 4,600                     | 230                       |
| 235                       | 38.8                      | 302.3                      | 7,600                     | 40.1                      | 307.3                      | 6,800                     | 42.1                      | 313.9                      | 5,400                     | 43.9                      | 319.6                      | 4,100                     | 235                       |
| 240                       | 37.1                      | 295.8                      | 7,100                     | 38.5                      | 301.0                      | 6,300                     | 40.5                      | 308.0                      | 5,000                     |                           |                            |                           | 240                       |
| 245                       | 35.3                      | 288.8                      | 6,600                     | 36.8                      | 294.3                      | 5,800                     | 38.9                      | 301.9                      | 4,500                     |                           |                            |                           | 245                       |
| 250                       | 33.5                      | 281.3                      | 6,100                     | 35.0                      | 287.3                      | 5,300                     | 37.2                      | 295.3                      | 4,100                     |                           |                            |                           | 250                       |
| 255                       | 31.6                      | 273.2                      | 5,700                     | 33.2                      | 279.7                      | 4,900                     |                           |                            |                           |                           |                            |                           | 255                       |
| 260                       | 29.6                      | 264.5                      | 5,200                     | 31.3                      | 271.5                      | 4,400                     |                           |                            |                           |                           |                            |                           | 260                       |
| 265                       | 27.4                      | 255.0                      | 4,800                     | 29.2                      | 262.7                      | 4,000                     |                           |                            |                           |                           |                            |                           | 265                       |
| 270                       | 25.0                      | 244.6                      | 4,400                     |                           |                            |                           |                           |                            |                           |                           |                            |                           | 270                       |
| 275                       | 22.5                      | 232.8                      | 4,000                     |                           |                            |                           |                           |                            |                           |                           |                            |                           | 275                       |



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

New York City Code  
 Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82  
 184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 120 Ft. Boom, 210 Ft. Luffing Jib, 80 Ft. Fixed Jib

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 95                        | 74.3                      | 408.9                      | 12,800*                   |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 73.3                      | 407.4                      | 12,600*                   |                           |                            |                           |                           |                            |                           | 100                       |
| 105                       | 72.2                      | 405.7                      | 12,500*                   |                           |                            |                           |                           |                            |                           | 105                       |
| 110                       | 71.2                      | 404.0                      | 12,400*                   | 72.1                      | 405.2                      | 14,300*                   |                           |                            |                           | 110                       |
| 115                       | 70.1                      | 402.2                      | 12,200*                   | 71.0                      | 403.4                      | 14,100*                   |                           |                            |                           | 115                       |
| 120                       | 69.1                      | 400.3                      | 12,100*                   | 70.0                      | 401.6                      | 14,000*                   |                           |                            |                           | 120                       |
| 125                       | 68.0                      | 398.2                      | 11,900*                   | 68.9                      | 399.7                      | 13,800*                   |                           |                            |                           | 125                       |
| 130                       | 67.0                      | 396.1                      | 11,800*                   | 67.9                      | 397.6                      | 13,700*                   | 69.2                      | 399.4                      | 13,700*                   | 130                       |
| 135                       | 65.9                      | 393.9                      | 11,600*                   | 66.8                      | 395.5                      | 13,400*                   | 68.1                      | 397.4                      | 13,500*                   | 135                       |
| 140                       | 64.8                      | 391.5                      | 11,500*                   | 65.7                      | 393.2                      | 13,300*                   | 67.1                      | 395.3                      | 13,400*                   | 140                       |
| 145                       | 63.7                      | 389.0                      | 11,400*                   | 64.6                      | 390.8                      | 13,100*                   | 66.0                      | 393.0                      | 13,300*                   | 145                       |
| 150                       | 62.6                      | 386.4                      | 11,200*                   | 63.6                      | 388.3                      | 12,900*                   | 64.9                      | 390.7                      | 13,000*                   | 150                       |
| 155                       | 61.5                      | 383.7                      | 11,100*                   | 62.4                      | 385.7                      | 12,800*                   | 63.8                      | 388.2                      | 13,000*                   | 155                       |
| 160                       | 60.4                      | 380.8                      | 10,900*                   | 61.3                      | 382.9                      | 12,600*                   | 62.7                      | 385.6                      | 12,700*                   | 160                       |
| 165                       | 59.2                      | 377.8                      | 10,800*                   | 60.2                      | 380.1                      | 12,500*                   | 61.6                      | 382.9                      | 12,600*                   | 165                       |
| 170                       | 58.1                      | 374.7                      | 10,700*                   | 59.1                      | 377.0                      | 12,300*                   | 60.5                      | 380.1                      | 12,500*                   | 170                       |
| 175                       | 56.9                      | 371.5                      | 10,600*                   | 57.9                      | 373.9                      | 12,200*                   | 59.3                      | 377.1                      | 12,400*                   | 175                       |
| 180                       | 55.7                      | 368.0                      | 10,400*                   | 56.7                      | 370.6                      | 12,000*                   | 58.2                      | 374.0                      | 11,900                    | 180                       |
| 185                       | 54.5                      | 364.5                      | 10,300*                   | 55.5                      | 367.2                      | 11,900*                   | 57.0                      | 370.7                      | 11,100                    | 185                       |
| 190                       | 53.3                      | 360.7                      | 10,300*                   | 54.3                      | 363.6                      | 11,700*                   | 55.8                      | 367.3                      | 10,300                    | 190                       |
| 195                       | 52.1                      | 356.8                      | 10,100*                   | 53.1                      | 359.8                      | 11,200                    | 54.6                      | 363.8                      | 9,600                     | 195                       |
| 200                       | 50.8                      | 352.8                      | 10,000*                   | 51.9                      | 355.9                      | 10,500                    | 53.4                      | 360.0                      | 8,900                     | 200                       |
| 205                       | 49.5                      | 348.5                      | 9,800*                    | 50.6                      | 351.8                      | 9,800                     | 52.2                      | 356.2                      | 8,200                     | 205                       |
| 210                       | 48.2                      | 344.0                      | 9,700*                    | 49.3                      | 347.5                      | 9,100                     | 50.9                      | 352.1                      | 7,600                     | 210                       |
| 215                       | 46.9                      | 339.3                      | 9,500                     | 48.0                      | 343.0                      | 8,500                     | 49.6                      | 347.8                      | 7,000                     | 215                       |
| 220                       | 45.5                      | 334.4                      | 8,800                     | 46.7                      | 338.2                      | 7,900                     | 48.3                      | 343.4                      | 6,500                     | 220                       |
| 225                       | 44.1                      | 329.3                      | 8,300                     | 45.3                      | 333.3                      | 7,300                     | 47.0                      | 338.7                      | 5,900                     | 225                       |
| 230                       | 42.7                      | 323.8                      | 7,700                     | 43.9                      | 328.1                      | 6,800                     | 45.6                      | 333.8                      | 5,400                     | 230                       |
| 235                       | 41.2                      | 318.1                      | 7,100                     | 42.4                      | 322.6                      | 6,300                     | 44.2                      | 328.7                      | 4,900                     | 235                       |
| 240                       | 39.6                      | 312.1                      | 6,600                     | 40.9                      | 316.9                      | 5,800                     | 42.8                      | 323.3                      | 4,500                     | 240                       |
| 245                       | 38.1                      | 305.8                      | 6,100                     | 39.4                      | 310.8                      | 5,300                     | 41.3                      | 317.6                      | 4,000                     | 245                       |
| 250                       | 36.4                      | 299.0                      | 5,600                     | 37.8                      | 304.4                      | 4,800                     |                           |                            |                           | 250                       |
| 255                       | 34.7                      | 291.8                      | 5,200                     | 36.1                      | 297.6                      | 4,400                     |                           |                            |                           | 255                       |
| 260                       | 32.9                      | 284.2                      | 4,700                     |                           |                            |                           |                           |                            |                           | 260                       |
| 265                       | 31.0                      | 276.0                      | 4,300                     |                           |                            |                           |                           |                            |                           | 265                       |



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

New York City Code  
 Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82  
 184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

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      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | 80 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 70                        | 74.2                      | 362.5                      | 33,900*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 70                        |
| 75                        | 72.8                      | 361.0                      | 33,300*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 75                        |
| 80                        | 71.3                      | 359.3                      | 33,000*                   | 72.9                      | 360.8                      | 39,600*                   |                           |                            |                           |                           |                            |                           | 80                        |
| 85                        | 69.8                      | 357.4                      | 32,500*                   | 71.4                      | 359.1                      | 39,400*                   |                           |                            |                           |                           |                            |                           | 85                        |
| 90                        | 68.2                      | 355.5                      | 31,800*                   | 69.9                      | 357.3                      | 38,400*                   |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 66.7                      | 353.3                      | 31,200*                   | 68.4                      | 355.3                      | 36,900*                   |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 65.2                      | 351.0                      | 29,800*                   | 66.9                      | 353.2                      | 35,300*                   | 69.4                      | 355.7                      | 36,200                    |                           |                            |                           | 100                       |
| 105                       | 63.6                      | 348.6                      | 28,300*                   | 65.3                      | 350.9                      | 33,700*                   | 67.9                      | 353.7                      | 33,600                    |                           |                            |                           | 105                       |
| 110                       | 62.0                      | 345.9                      | 26,800*                   | 63.8                      | 348.5                      | 32,200*                   | 66.4                      | 351.5                      | 31,100                    |                           |                            |                           | 110                       |
| 115                       | 60.4                      | 343.1                      | 25,400*                   | 62.2                      | 345.9                      | 30,700*                   | 64.8                      | 349.2                      | 29,000                    |                           |                            |                           | 115                       |
| 120                       | 58.7                      | 340.1                      | 24,100*                   | 60.5                      | 343.1                      | 29,100*                   | 63.2                      | 346.7                      | 27,000                    | 65.8                      | 349.4                      | 23,500                    | 120                       |
| 125                       | 57.0                      | 336.9                      | 22,800*                   | 58.9                      | 340.1                      | 27,700*                   | 61.6                      | 344.0                      | 25,100                    | 64.3                      | 347.0                      | 21,900                    | 125                       |
| 130                       | 55.3                      | 333.4                      | 21,600*                   | 57.2                      | 336.9                      | 26,200*                   | 60.0                      | 341.2                      | 23,500                    | 62.7                      | 344.4                      | 20,300                    | 130                       |
| 135                       | 53.6                      | 329.8                      | 20,400*                   | 55.5                      | 333.5                      | 24,800*                   | 58.3                      | 338.1                      | 21,900                    | 61.1                      | 341.7                      | 18,900                    | 135                       |
| 140                       | 51.8                      | 325.9                      | 19,300*                   | 53.8                      | 329.8                      | 23,400                    | 56.7                      | 334.8                      | 20,500                    | 59.4                      | 338.8                      | 17,600                    | 140                       |
| 145                       | 49.9                      | 321.7                      | 18,200*                   | 52.0                      | 326.0                      | 22,000                    | 54.9                      | 331.4                      | 19,200                    | 57.8                      | 335.6                      | 16,400                    | 145                       |
| 150                       | 48.0                      | 317.3                      | 17,200*                   | 50.1                      | 321.8                      | 20,700                    | 53.2                      | 327.7                      | 18,000                    | 56.1                      | 332.3                      | 15,300                    | 150                       |
| 155                       | 46.1                      | 312.5                      | 16,300*                   | 48.3                      | 317.4                      | 19,400                    | 51.4                      | 323.7                      | 16,800                    | 54.3                      | 328.7                      | 14,300                    | 155                       |
| 160                       | 44.1                      | 307.4                      | 15,500*                   | 46.3                      | 312.7                      | 18,300                    | 49.5                      | 319.5                      | 15,800                    | 52.6                      | 325.0                      | 13,300                    | 160                       |
| 165                       | 42.0                      | 302.0                      | 14,700*                   | 44.3                      | 307.7                      | 17,200                    | 47.6                      | 315.0                      | 14,800                    | 50.7                      | 320.9                      | 12,400                    | 165                       |
| 170                       | 39.8                      | 296.1                      | 13,900*                   | 42.2                      | 302.2                      | 16,200                    | 45.7                      | 310.1                      | 13,800                    | 48.9                      | 316.6                      | 11,500                    | 170                       |
| 175                       | 37.5                      | 289.7                      | 13,200*                   | 40.0                      | 296.4                      | 15,200                    | 43.6                      | 305.0                      | 13,000                    | 46.9                      | 312.0                      | 10,700                    | 175                       |
| 180                       | 35.1                      | 282.7                      | 12,600*                   | 37.8                      | 290.0                      | 14,300                    | 41.5                      | 299.4                      | 12,100                    | 45.0                      | 307.0                      | 9,900                     | 180                       |
| 185                       | 32.5                      | 275.0                      | 12,000*                   | 35.4                      | 283.2                      | 13,500                    | 39.3                      | 293.4                      | 11,300                    | 42.9                      | 301.7                      | 9,200                     | 185                       |
| 190                       | 29.7                      | 266.5                      | 11,500*                   | 32.8                      | 275.6                      | 12,700                    | 37.0                      | 286.9                      | 10,600                    | 40.8                      | 296.0                      | 8,500                     | 190                       |
| 195                       | 26.7                      | 257.0                      | 11,100*                   | 30.0                      | 267.2                      | 11,900                    | 34.5                      | 279.8                      | 9,900                     | 38.5                      | 289.8                      | 7,900                     | 195                       |
| 200                       | 23.2                      | 245.9                      | 10,700*                   | 27.0                      | 257.8                      | 11,200                    | 31.9                      | 272.0                      | 9,200                     | 36.1                      | 283.1                      | 7,300                     | 200                       |
| 205                       | 19.2                      | 232.6                      | 10,300*                   | 23.6                      | 246.9                      | 10,500                    | 29.1                      | 263.3                      | 8,600                     | 33.6                      | 275.8                      | 6,700                     | 205                       |
| 210                       | 14.1                      | 215.2                      | 10,100*                   | 19.7                      | 233.9                      | 9,800                     | 25.9                      | 253.4                      | 7,900                     | 30.9                      | 267.7                      | 6,100                     | 210                       |
| 215                       | 4.9                       | 183.2                      | 10,100*                   | 14.8                      | 217.2                      | 9,100                     | 22.4                      | 241.9                      | 7,400                     | 28.0                      | 258.6                      | 5,600                     | 215                       |
| 220                       |                           |                            |                           | 6.7                       | 189.2                      | 8,400                     | 18.2                      | 227.9                      | 6,800                     | 24.8                      | 248.3                      | 5,000                     | 220                       |
| 225                       |                           |                            |                           |                           |                            |                           | 12.7                      | 209.1                      | 6,200                     | 21.0                      | 236.1                      | 4,500                     | 225                       |
| 230                       |                           |                            |                           |                           |                            |                           |                           |                            |                           | 16.5                      | 220.8                      | 4,000                     | 230                       |



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

New York City Code  
Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

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

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

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | 80 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 70                        | 75.0                      | 372.9                      | 31,500*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 70                        |
| 75                        | 73.6                      | 371.4                      | 30,900*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 75                        |
| 80                        | 72.2                      | 369.8                      | 30,600*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 80                        |
| 85                        | 70.8                      | 368.1                      | 30,300*                   | 72.3                      | 369.7                      | 36,400*                   |                           |                            |                           |                           |                            |                           | 85                        |
| 90                        | 69.3                      | 366.2                      | 29,900*                   | 70.9                      | 367.9                      | 35,900*                   |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 67.9                      | 364.2                      | 29,300*                   | 69.5                      | 366.1                      | 35,100*                   |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 66.4                      | 362.0                      | 28,700*                   | 68.0                      | 364.1                      | 33,700*                   |                           |                            |                           |                           |                            |                           | 100                       |
| 105                       | 64.9                      | 359.7                      | 27,300*                   | 66.6                      | 361.9                      | 32,400*                   | 69.0                      | 364.5                      | 32,900                    |                           |                            |                           | 105                       |
| 110                       | 63.4                      | 357.2                      | 26,000*                   | 65.1                      | 359.6                      | 31,000*                   | 67.5                      | 362.5                      | 30,500                    |                           |                            |                           | 110                       |
| 115                       | 61.9                      | 354.6                      | 24,700*                   | 63.6                      | 357.2                      | 29,600*                   | 66.1                      | 360.3                      | 28,300                    |                           |                            |                           | 115                       |
| 120                       | 60.3                      | 351.8                      | 23,500*                   | 62.1                      | 354.5                      | 28,300*                   | 64.6                      | 357.9                      | 26,300                    |                           |                            |                           | 120                       |
| 125                       | 58.8                      | 348.7                      | 22,300*                   | 60.5                      | 351.7                      | 26,900*                   | 63.1                      | 355.4                      | 24,500                    | 65.6                      | 358.1                      | 21,200                    | 125                       |
| 130                       | 57.2                      | 345.5                      | 21,100*                   | 58.9                      | 348.7                      | 25,600*                   | 61.5                      | 352.7                      | 22,800                    | 64.1                      | 355.7                      | 19,600                    | 130                       |
| 135                       | 55.5                      | 342.1                      | 20,100*                   | 57.4                      | 345.6                      | 24,400*                   | 60.0                      | 349.8                      | 21,300                    | 62.5                      | 353.1                      | 18,200                    | 135                       |
| 140                       | 53.9                      | 338.5                      | 19,000*                   | 55.7                      | 342.2                      | 22,800                    | 58.4                      | 346.8                      | 19,900                    | 61.0                      | 350.4                      | 16,900                    | 140                       |
| 145                       | 52.2                      | 334.7                      | 18,000*                   | 54.1                      | 338.6                      | 21,400                    | 56.8                      | 343.5                      | 18,600                    | 59.5                      | 347.4                      | 15,700                    | 145                       |
| 150                       | 50.4                      | 330.6                      | 17,100*                   | 52.4                      | 334.8                      | 20,100                    | 55.2                      | 340.1                      | 17,300                    | 57.9                      | 344.3                      | 14,600                    | 150                       |
| 155                       | 48.7                      | 326.2                      | 16,200*                   | 50.6                      | 330.7                      | 18,800                    | 53.5                      | 336.4                      | 16,200                    | 56.2                      | 341.0                      | 13,600                    | 155                       |
| 160                       | 46.8                      | 321.6                      | 15,400*                   | 48.9                      | 326.4                      | 17,700                    | 51.8                      | 332.5                      | 15,100                    | 54.6                      | 337.5                      | 12,600                    | 160                       |
| 165                       | 44.9                      | 316.7                      | 14,600*                   | 47.0                      | 321.8                      | 16,600                    | 50.1                      | 328.4                      | 14,100                    | 52.9                      | 333.7                      | 11,700                    | 165                       |
| 170                       | 43.0                      | 311.4                      | 13,900*                   | 45.1                      | 316.9                      | 15,600                    | 48.3                      | 324.0                      | 13,200                    | 51.2                      | 329.8                      | 10,800                    | 170                       |
| 175                       | 40.9                      | 305.7                      | 13,200*                   | 43.2                      | 311.6                      | 14,700                    | 46.4                      | 319.3                      | 12,300                    | 49.4                      | 325.5                      | 10,000                    | 175                       |
| 180                       | 38.8                      | 299.6                      | 12,600*                   | 41.2                      | 306.0                      | 13,800                    | 44.5                      | 314.2                      | 11,500                    | 47.6                      | 321.0                      | 9,300                     | 180                       |
| 185                       | 36.6                      | 292.9                      | 12,000*                   | 39.0                      | 299.9                      | 12,900                    | 42.5                      | 308.9                      | 10,700                    | 45.8                      | 316.2                      | 8,500                     | 185                       |
| 190                       | 34.2                      | 285.8                      | 11,400*                   | 36.8                      | 293.4                      | 12,100                    | 40.5                      | 303.1                      | 10,000                    | 43.8                      | 311.1                      | 7,900                     | 190                       |
| 195                       | 31.7                      | 277.9                      | 11,000*                   | 34.5                      | 286.2                      | 11,300                    | 38.3                      | 296.9                      | 9,300                     | 41.8                      | 305.5                      | 7,200                     | 195                       |
| 200                       | 29.0                      | 269.1                      | 10,500*                   | 32.0                      | 278.4                      | 10,600                    | 36.1                      | 290.1                      | 8,600                     | 39.7                      | 299.6                      | 6,600                     | 200                       |
| 205                       | 26.0                      | 259.3                      | 10,100*                   | 29.3                      | 269.8                      | 9,900                     | 33.7                      | 282.8                      | 8,000                     | 37.5                      | 293.2                      | 6,000                     | 205                       |
| 210                       | 22.6                      | 247.9                      | 9,800*                    | 26.4                      | 260.1                      | 9,300                     | 31.1                      | 274.7                      | 7,400                     | 35.2                      | 286.3                      | 5,500                     | 210                       |
| 215                       | 18.7                      | 234.2                      | 9,500*                    | 23.1                      | 248.9                      | 8,600                     | 28.3                      | 265.8                      | 6,800                     | 32.8                      | 278.7                      | 4,900                     | 215                       |
| 220                       | 13.7                      | 216.4                      | 9,200                     | 19.2                      | 235.6                      | 8,000                     | 25.3                      | 255.6                      | 6,200                     | 30.2                      | 270.4                      | 4,400                     | 220                       |
| 225                       | 4.8                       | 183.6                      | 8,500                     | 14.4                      | 218.4                      | 7,400                     | 21.8                      | 243.8                      | 5,700                     |                           |                            |                           | 225                       |
| 230                       |                           |                            |                           | 6.5                       | 189.7                      | 6,800                     | 17.8                      | 229.5                      | 5,100                     |                           |                            |                           | 230                       |
| 235                       |                           |                            |                           |                           |                            |                           | 12.4                      | 210.1                      | 4,600                     |                           |                            |                           | 235                       |



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

New York City Code  
Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

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

### 160 Ft. Boom, 190 Ft. Luffing Jib, 30 Ft. Fixed Jib

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | 80 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 75                        | 74.4                      | 381.9                      | 29,400*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 75                        |
| 80                        | 73.0                      | 380.4                      | 28,700*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 80                        |
| 85                        | 71.7                      | 378.7                      | 28,200*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 85                        |
| 90                        | 70.3                      | 376.9                      | 27,900*                   | 71.8                      | 378.5                      | 33,500*                   |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 68.9                      | 375.0                      | 27,500*                   | 70.4                      | 376.8                      | 32,800*                   |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 67.5                      | 373.0                      | 27,000*                   | 69.1                      | 374.9                      | 32,200*                   |                           |                            |                           |                           |                            |                           | 100                       |
| 105                       | 66.1                      | 370.8                      | 26,400*                   | 67.7                      | 372.8                      | 31,000*                   | 70.0                      | 375.2                      | 32,500                    |                           |                            |                           | 105                       |
| 110                       | 64.7                      | 368.4                      | 25,100*                   | 66.3                      | 370.6                      | 29,800*                   | 68.6                      | 373.3                      | 30,000                    |                           |                            |                           | 110                       |
| 115                       | 63.3                      | 365.9                      | 24,000*                   | 64.9                      | 368.3                      | 28,500*                   | 67.2                      | 371.2                      | 27,900                    |                           |                            |                           | 115                       |
| 120                       | 61.8                      | 363.2                      | 22,800*                   | 63.4                      | 365.8                      | 27,400*                   | 65.8                      | 369.0                      | 25,900                    |                           |                            |                           | 120                       |
| 125                       | 60.3                      | 360.4                      | 21,700*                   | 62.0                      | 363.2                      | 26,200*                   | 64.4                      | 366.6                      | 24,100                    | 66.7                      | 369.1                      | 20,700                    | 125                       |
| 130                       | 58.8                      | 357.4                      | 20,700*                   | 60.5                      | 360.4                      | 25,000*                   | 62.9                      | 364.0                      | 22,400                    | 65.3                      | 366.8                      | 19,200                    | 130                       |
| 135                       | 57.3                      | 354.2                      | 19,600*                   | 59.0                      | 357.4                      | 23,800*                   | 61.5                      | 361.3                      | 20,900                    | 63.9                      | 364.4                      | 17,800                    | 135                       |
| 140                       | 55.7                      | 350.8                      | 18,700*                   | 57.5                      | 354.2                      | 22,400                    | 60.0                      | 358.5                      | 19,500                    | 62.4                      | 361.8                      | 16,500                    | 140                       |
| 145                       | 54.2                      | 347.3                      | 17,800*                   | 55.9                      | 350.9                      | 21,000                    | 58.5                      | 355.4                      | 18,100                    | 61.0                      | 359.0                      | 15,300                    | 145                       |
| 150                       | 52.5                      | 343.5                      | 16,900*                   | 54.3                      | 347.3                      | 19,700                    | 57.0                      | 352.2                      | 16,900                    | 59.5                      | 356.1                      | 14,200                    | 150                       |
| 155                       | 50.9                      | 339.4                      | 16,000*                   | 52.7                      | 343.5                      | 18,400                    | 55.4                      | 348.8                      | 15,800                    | 58.0                      | 353.0                      | 13,200                    | 155                       |
| 160                       | 49.2                      | 335.2                      | 15,300*                   | 51.1                      | 339.6                      | 17,300                    | 53.8                      | 345.2                      | 14,700                    | 56.4                      | 349.7                      | 12,200                    | 160                       |
| 165                       | 47.5                      | 330.6                      | 14,500*                   | 49.4                      | 335.3                      | 16,200                    | 52.2                      | 341.3                      | 13,700                    | 54.9                      | 346.2                      | 11,300                    | 165                       |
| 170                       | 45.7                      | 325.8                      | 13,800*                   | 47.7                      | 330.8                      | 15,200                    | 50.5                      | 337.2                      | 12,800                    | 53.3                      | 342.5                      | 10,400                    | 170                       |
| 175                       | 43.8                      | 320.7                      | 13,100*                   | 45.9                      | 326.0                      | 14,300                    | 48.8                      | 332.9                      | 11,900                    | 51.6                      | 338.6                      | 9,600                     | 175                       |
| 180                       | 41.9                      | 315.2                      | 12,500*                   | 44.1                      | 320.9                      | 13,400                    | 47.1                      | 328.3                      | 11,100                    | 49.9                      | 334.4                      | 8,900                     | 180                       |
| 185                       | 39.9                      | 309.3                      | 11,900*                   | 42.1                      | 315.5                      | 12,500                    | 45.3                      | 323.4                      | 10,300                    | 48.2                      | 330.0                      | 8,100                     | 185                       |
| 190                       | 37.9                      | 303.0                      | 11,400*                   | 40.2                      | 309.6                      | 11,700                    | 43.4                      | 318.2                      | 9,600                     | 46.5                      | 325.3                      | 7,500                     | 190                       |
| 195                       | 35.7                      | 296.2                      | 10,900*                   | 38.1                      | 303.4                      | 10,900                    | 41.5                      | 312.6                      | 8,900                     | 44.6                      | 320.3                      | 6,800                     | 195                       |
| 200                       | 33.4                      | 288.7                      | 10,400*                   | 35.9                      | 296.6                      | 10,200                    | 39.5                      | 306.7                      | 8,200                     | 42.8                      | 315.0                      | 6,200                     | 200                       |
| 205                       | 30.9                      | 280.6                      | 10,000*                   | 33.7                      | 289.2                      | 9,500                     | 37.4                      | 300.2                      | 7,600                     | 40.8                      | 309.3                      | 5,600                     | 205                       |
| 210                       | 28.3                      | 271.6                      | 9,600*                    | 31.2                      | 281.2                      | 8,900                     | 35.2                      | 293.3                      | 7,000                     | 38.8                      | 303.1                      | 5,100                     | 210                       |
| 215                       | 25.4                      | 261.5                      | 9,300*                    | 28.6                      | 272.3                      | 8,300                     | 32.9                      | 285.7                      | 6,400                     | 36.6                      | 296.5                      | 4,500                     | 215                       |
| 220                       | 22.1                      | 249.8                      | 8,900                     | 25.7                      | 262.3                      | 7,600                     | 30.4                      | 277.4                      | 5,800                     | 34.4                      | 289.4                      | 4,000                     | 220                       |
| 225                       | 18.3                      | 235.8                      | 8,300                     | 22.5                      | 250.9                      | 7,100                     | 27.7                      | 268.2                      | 5,300                     |                           |                            |                           | 225                       |
| 230                       | 13.4                      | 217.5                      | 7,700                     | 18.8                      | 237.2                      | 6,500                     | 24.7                      | 257.8                      | 4,800                     |                           |                            |                           | 230                       |
| 235                       | 4.7                       | 184.0                      | 7,000                     | 14.1                      | 219.6                      | 5,900                     | 21.3                      | 245.7                      | 4,300                     |                           |                            |                           | 235                       |
| 240                       |                           |                            |                           | 6.4                       | 190.2                      | 5,400                     |                           |                            |                           |                           |                            |                           | 240                       |





# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

New York City Code  
Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

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

### 160 Ft. Boom, 200 Ft. Luffing Jib, 30 Ft. Fixed Jib

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | 80 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 80                        | 73.8                      | 390.8                      | 26,600*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 80                        |
| 85                        | 72.5                      | 389.2                      | 26,100*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 85                        |
| 90                        | 71.2                      | 387.6                      | 25,900*                   | 72.6                      | 389.1                      | 30,800*                   |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 69.9                      | 385.7                      | 25,600*                   | 71.3                      | 387.4                      | 30,300*                   |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 68.5                      | 383.8                      | 25,300*                   | 70.0                      | 385.6                      | 30,100*                   |                           |                            |                           |                           |                            |                           | 100                       |
| 105                       | 67.2                      | 381.7                      | 24,900*                   | 68.7                      | 383.6                      | 29,400*                   |                           |                            |                           |                           |                            |                           | 105                       |
| 110                       | 65.9                      | 379.5                      | 24,200*                   | 67.4                      | 381.6                      | 28,400*                   | 69.6                      | 384.0                      | 29,400                    |                           |                            |                           | 110                       |
| 115                       | 64.5                      | 377.1                      | 23,100*                   | 66.0                      | 379.4                      | 27,300*                   | 68.2                      | 382.0                      | 27,300                    |                           |                            |                           | 115                       |
| 120                       | 63.1                      | 374.6                      | 22,100*                   | 64.7                      | 377.0                      | 26,300*                   | 66.9                      | 379.9                      | 25,300                    |                           |                            |                           | 120                       |
| 125                       | 61.7                      | 371.9                      | 21,100*                   | 63.3                      | 374.5                      | 25,200*                   | 65.6                      | 377.7                      | 23,500                    |                           |                            |                           | 125                       |
| 130                       | 60.3                      | 369.1                      | 20,100*                   | 61.9                      | 371.8                      | 24,200*                   | 64.2                      | 375.3                      | 21,800                    | 66.4                      | 377.8                      | 18,600                    | 130                       |
| 135                       | 58.9                      | 366.1                      | 19,100*                   | 60.5                      | 369.0                      | 23,100*                   | 62.8                      | 372.7                      | 20,300                    | 65.1                      | 375.5                      | 17,200                    | 135                       |
| 140                       | 57.4                      | 362.9                      | 18,200*                   | 59.0                      | 366.1                      | 21,900                    | 61.4                      | 370.0                      | 18,900                    | 63.7                      | 373.0                      | 15,900                    | 140                       |
| 145                       | 55.9                      | 359.6                      | 17,400*                   | 57.6                      | 362.9                      | 20,500                    | 60.0                      | 367.1                      | 17,600                    | 62.3                      | 370.4                      | 14,700                    | 145                       |
| 150                       | 54.4                      | 356.0                      | 16,500*                   | 56.1                      | 359.6                      | 19,100                    | 58.6                      | 364.1                      | 16,300                    | 60.9                      | 367.7                      | 13,600                    | 150                       |
| 155                       | 52.9                      | 352.3                      | 15,700*                   | 54.6                      | 356.0                      | 17,900                    | 57.1                      | 360.9                      | 15,200                    | 59.5                      | 364.8                      | 12,500                    | 155                       |
| 160                       | 51.3                      | 348.3                      | 15,000*                   | 53.1                      | 352.3                      | 16,800                    | 55.6                      | 357.5                      | 14,200                    | 58.1                      | 361.7                      | 11,600                    | 160                       |
| 165                       | 49.7                      | 344.1                      | 14,300*                   | 51.5                      | 348.4                      | 15,700                    | 54.1                      | 353.9                      | 13,200                    | 56.6                      | 358.4                      | 10,700                    | 165                       |
| 170                       | 48.1                      | 339.6                      | 13,600*                   | 49.9                      | 344.2                      | 14,700                    | 52.5                      | 350.1                      | 12,200                    | 55.1                      | 354.9                      | 9,800                     | 170                       |
| 175                       | 46.4                      | 334.9                      | 13,000*                   | 48.3                      | 339.8                      | 13,700                    | 51.0                      | 346.1                      | 11,400                    | 53.6                      | 351.3                      | 9,000                     | 175                       |
| 180                       | 44.6                      | 329.9                      | 12,400*                   | 46.6                      | 335.1                      | 12,800                    | 49.3                      | 341.8                      | 10,500                    | 52.0                      | 347.4                      | 8,300                     | 180                       |
| 185                       | 42.8                      | 324.6                      | 11,800*                   | 44.8                      | 330.1                      | 12,000                    | 47.7                      | 337.3                      | 9,800                     | 50.4                      | 343.3                      | 7,500                     | 185                       |
| 190                       | 41.0                      | 318.9                      | 11,300*                   | 43.0                      | 324.8                      | 11,200                    | 46.0                      | 332.6                      | 9,000                     | 48.8                      | 339.0                      | 6,900                     | 190                       |
| 195                       | 39.0                      | 312.8                      | 10,800*                   | 41.2                      | 319.2                      | 10,400                    | 44.2                      | 327.5                      | 8,300                     | 47.1                      | 334.4                      | 6,200                     | 195                       |
| 200                       | 37.0                      | 306.3                      | 10,300*                   | 39.3                      | 313.2                      | 9,700                     | 42.4                      | 322.1                      | 7,700                     | 45.4                      | 329.5                      | 5,600                     | 200                       |
| 205                       | 34.9                      | 299.3                      | 9,900*                    | 37.2                      | 306.7                      | 9,000                     | 40.5                      | 316.3                      | 7,000                     | 43.6                      | 324.3                      | 5,000                     | 205                       |
| 210                       | 32.6                      | 291.6                      | 9,500*                    | 35.1                      | 299.7                      | 8,400                     | 38.6                      | 310.1                      | 6,400                     | 41.8                      | 318.8                      | 4,500                     | 210                       |
| 215                       | 30.2                      | 283.3                      | 9,000                     | 32.9                      | 292.2                      | 7,800                     | 36.5                      | 303.5                      | 5,900                     | 39.9                      | 312.9                      | 4,000                     | 215                       |
| 220                       | 27.6                      | 274.0                      | 8,400                     | 30.5                      | 283.9                      | 7,200                     | 34.4                      | 296.4                      | 5,300                     |                           |                            |                           | 220                       |
| 225                       | 24.8                      | 263.7                      | 7,800                     | 28.0                      | 274.8                      | 6,600                     | 32.1                      | 288.6                      | 4,800                     |                           |                            |                           | 225                       |
| 230                       | 21.6                      | 251.7                      | 7,200                     | 25.1                      | 264.5                      | 6,000                     | 29.7                      | 280.0                      | 4,300                     |                           |                            |                           | 230                       |
| 235                       | 17.9                      | 237.3                      | 6,600                     | 22.0                      | 252.8                      | 5,500                     |                           |                            |                           |                           |                            |                           | 235                       |
| 240                       | 13.1                      | 218.6                      | 6,100                     | 18.3                      | 238.8                      | 5,000                     |                           |                            |                           |                           |                            |                           | 240                       |
| 245                       | 4.6                       | 184.3                      | 5,500                     | 13.7                      | 220.7                      | 4,500                     |                           |                            |                           |                           |                            |                           | 245                       |
| 250                       |                           |                            |                           | 6.2                       | 190.7                      | 4,000                     |                           |                            |                           |                           |                            |                           | 250                       |



# Liftcrane Fixed Jib Capacities

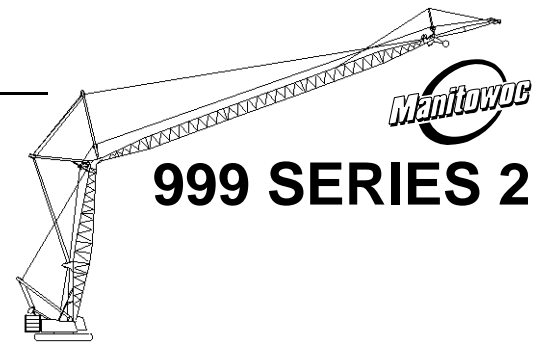
## 999 SERIES 2

New York City Code  
 Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82  
 184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 160 Ft. Boom, 210 Ft. Luffing Jib, 30 Ft. Fixed Jib

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 80                        | 74.5                      | 401.2                      | 24,400*                   |                           |                            |                           |                           |                            |                           | 80                        |
| 85                        | 73.2                      | 399.7                      | 24,400*                   |                           |                            |                           |                           |                            |                           | 85                        |
| 90                        | 72.0                      | 398.1                      | 24,000*                   |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 70.7                      | 396.4                      | 23,800*                   | 72.1                      | 397.9                      | 28,300*                   |                           |                            |                           | 95                        |
| 100                       | 69.5                      | 394.5                      | 23,500*                   | 70.9                      | 396.2                      | 27,800*                   |                           |                            |                           | 100                       |
| 105                       | 68.2                      | 392.5                      | 23,300*                   | 69.6                      | 394.4                      | 27,600*                   |                           |                            |                           | 105                       |
| 110                       | 66.9                      | 390.4                      | 22,900*                   | 68.3                      | 392.4                      | 27,000*                   |                           |                            |                           | 110                       |
| 115                       | 65.6                      | 388.2                      | 22,200*                   | 67.1                      | 390.3                      | 26,100*                   | 69.2                      | 392.8                      | 26,700                    | 115                       |
| 120                       | 64.3                      | 385.8                      | 21,300*                   | 65.8                      | 388.1                      | 25,200*                   | 67.9                      | 390.8                      | 24,700                    | 120                       |
| 125                       | 63.0                      | 383.2                      | 20,400*                   | 64.5                      | 385.7                      | 24,200*                   | 66.6                      | 388.6                      | 22,900                    | 125                       |
| 130                       | 61.7                      | 380.6                      | 19,500*                   | 63.1                      | 383.2                      | 23,300*                   | 65.3                      | 386.4                      | 21,300                    | 130                       |
| 135                       | 60.3                      | 377.7                      | 18,600*                   | 61.8                      | 380.5                      | 22,400*                   | 64.0                      | 383.9                      | 19,700                    | 135                       |
| 140                       | 58.9                      | 374.7                      | 17,800*                   | 60.5                      | 377.7                      | 21,400                    | 62.7                      | 381.4                      | 18,300                    | 140                       |
| 145                       | 57.5                      | 371.6                      | 17,000*                   | 59.1                      | 374.7                      | 20,000                    | 61.4                      | 378.7                      | 17,000                    | 145                       |
| 150                       | 56.1                      | 368.2                      | 16,200*                   | 57.7                      | 371.6                      | 18,600                    | 60.0                      | 375.8                      | 15,800                    | 150                       |
| 155                       | 54.7                      | 364.7                      | 15,500*                   | 56.3                      | 368.3                      | 17,400                    | 58.6                      | 372.8                      | 14,700                    | 155                       |
| 160                       | 53.2                      | 361.0                      | 14,700*                   | 54.8                      | 364.8                      | 16,300                    | 57.2                      | 369.6                      | 13,600                    | 160                       |
| 165                       | 51.7                      | 357.1                      | 14,100*                   | 53.4                      | 361.1                      | 15,200                    | 55.8                      | 366.2                      | 12,600                    | 165                       |
| 170                       | 50.2                      | 353.0                      | 13,400*                   | 51.9                      | 357.2                      | 14,200                    | 54.3                      | 362.6                      | 11,700                    | 170                       |
| 175                       | 48.6                      | 348.6                      | 12,800*                   | 50.3                      | 353.1                      | 13,200                    | 52.9                      | 358.9                      | 10,800                    | 175                       |
| 180                       | 47.0                      | 344.0                      | 12,200*                   | 48.8                      | 348.7                      | 12,300                    | 51.4                      | 354.9                      | 10,000                    | 180                       |
| 185                       | 45.3                      | 339.1                      | 11,700*                   | 47.2                      | 344.2                      | 11,500                    | 49.8                      | 350.7                      | 9,200                     | 185                       |
| 190                       | 43.6                      | 333.9                      | 11,200*                   | 45.5                      | 339.3                      | 10,700                    | 48.2                      | 346.3                      | 8,500                     | 190                       |
| 195                       | 41.9                      | 328.4                      | 10,700*                   | 43.8                      | 334.2                      | 9,900                     | 46.6                      | 341.6                      | 7,800                     | 195                       |
| 200                       | 40.1                      | 322.5                      | 10,200*                   | 42.1                      | 328.7                      | 9,200                     | 45.0                      | 336.7                      | 7,200                     | 200                       |
| 205                       | 38.2                      | 316.3                      | 9,800*                    | 40.3                      | 322.9                      | 8,500                     | 43.3                      | 331.4                      | 6,500                     | 205                       |
| 210                       | 36.2                      | 309.6                      | 9,200                     | 38.4                      | 316.7                      | 7,900                     | 41.5                      | 325.9                      | 5,900                     | 210                       |
| 215                       | 34.1                      | 302.3                      | 8,600                     | 36.4                      | 310.0                      | 7,300                     | 39.7                      | 319.9                      | 5,400                     | 215                       |
| 220                       | 31.9                      | 294.5                      | 7,900                     | 34.4                      | 302.8                      | 6,700                     | 37.7                      | 313.6                      | 4,800                     | 220                       |
| 225                       | 29.6                      | 285.9                      | 7,300                     | 32.2                      | 295.1                      | 6,100                     | 35.7                      | 306.7                      | 4,300                     | 225                       |
| 230                       | 27.1                      | 276.4                      | 6,800                     | 29.9                      | 286.6                      | 5,600                     |                           |                            |                           | 230                       |
| 235                       | 24.3                      | 265.8                      | 6,200                     | 27.4                      | 277.2                      | 5,000                     |                           |                            |                           | 235                       |
| 240                       | 21.1                      | 253.5                      | 5,700                     | 24.6                      | 266.7                      | 4,500                     |                           |                            |                           | 240                       |
| 245                       | 17.5                      | 238.8                      | 5,100                     | 21.5                      | 254.7                      | 4,100                     |                           |                            |                           | 245                       |
| 250                       | 12.8                      | 219.7                      | 4,600                     |                           |                            |                           |                           |                            |                           | 250                       |
| 255                       | 4.5                       | 184.7                      | 4,100                     |                           |                            |                           |                           |                            |                           | 255                       |



# Liftcrane Fixed Jib Capacities

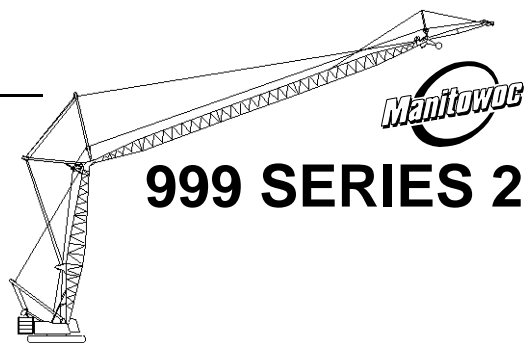
## 999 SERIES 2

New York City Code  
 Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82  
 184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

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 Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | 80 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 75                        | 74.0                      | 371.3                      | 29,500*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 75                        |
| 80                        | 72.6                      | 369.7                      | 29,500*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 80                        |
| 85                        | 71.2                      | 368.0                      | 29,200*                   | 72.8                      | 369.6                      | 34,600*                   |                           |                            |                           |                           |                            |                           | 85                        |
| 90                        | 69.8                      | 366.1                      | 28,900*                   | 71.4                      | 367.8                      | 34,400*                   |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 68.3                      | 364.1                      | 28,300*                   | 69.9                      | 366.0                      | 34,200*                   |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 66.8                      | 361.9                      | 27,800*                   | 68.5                      | 364.0                      | 33,200*                   |                           |                            |                           |                           |                            |                           | 100                       |
| 105                       | 65.4                      | 359.6                      | 26,900*                   | 67.0                      | 361.8                      | 31,800*                   | 69.4                      | 364.4                      | 33,800                    |                           |                            |                           | 105                       |
| 110                       | 63.8                      | 357.1                      | 25,600*                   | 65.5                      | 359.5                      | 30,500*                   | 68.0                      | 362.3                      | 31,400                    |                           |                            |                           | 110                       |
| 115                       | 62.3                      | 354.5                      | 24,300*                   | 64.0                      | 357.0                      | 29,100*                   | 66.5                      | 360.1                      | 29,200                    |                           |                            |                           | 115                       |
| 120                       | 60.8                      | 351.6                      | 23,100*                   | 62.5                      | 354.4                      | 27,800*                   | 65.0                      | 357.8                      | 27,200                    |                           |                            |                           | 120                       |
| 125                       | 59.2                      | 348.6                      | 21,900*                   | 61.0                      | 351.6                      | 26,500*                   | 63.5                      | 355.3                      | 25,400                    | 66.0                      | 358.0                      | 22,000                    | 125                       |
| 130                       | 57.6                      | 345.4                      | 20,700*                   | 59.4                      | 348.6                      | 25,100*                   | 62.0                      | 352.6                      | 23,700                    | 64.5                      | 355.6                      | 20,500                    | 130                       |
| 135                       | 56.0                      | 342.0                      | 19,600*                   | 57.8                      | 345.4                      | 23,900*                   | 60.4                      | 349.7                      | 22,200                    | 63.0                      | 353.0                      | 19,100                    | 135                       |
| 140                       | 54.3                      | 338.4                      | 18,600*                   | 56.2                      | 342.1                      | 22,600*                   | 58.9                      | 346.7                      | 20,700                    | 61.4                      | 350.2                      | 17,800                    | 140                       |
| 145                       | 52.6                      | 334.6                      | 17,600*                   | 54.5                      | 338.5                      | 21,500*                   | 57.2                      | 343.4                      | 19,400                    | 59.9                      | 347.3                      | 16,600                    | 145                       |
| 150                       | 50.9                      | 330.5                      | 16,600*                   | 52.8                      | 334.6                      | 20,300*                   | 55.6                      | 340.0                      | 18,200                    | 58.3                      | 344.2                      | 15,500                    | 150                       |
| 155                       | 49.1                      | 326.1                      | 15,700*                   | 51.1                      | 330.6                      | 19,300*                   | 53.9                      | 336.3                      | 17,000                    | 56.7                      | 340.9                      | 14,400                    | 155                       |
| 160                       | 47.2                      | 321.5                      | 14,900*                   | 49.3                      | 326.3                      | 18,200*                   | 52.2                      | 332.4                      | 16,000                    | 55.0                      | 337.4                      | 13,400                    | 160                       |
| 165                       | 45.3                      | 316.5                      | 14,100*                   | 47.5                      | 321.6                      | 17,300*                   | 50.5                      | 328.2                      | 15,000                    | 53.3                      | 333.6                      | 12,500                    | 165                       |
| 170                       | 43.4                      | 311.2                      | 13,400*                   | 45.6                      | 316.7                      | 16,400*                   | 48.7                      | 323.8                      | 14,000                    | 51.6                      | 329.6                      | 11,700                    | 170                       |
| 175                       | 41.3                      | 305.5                      | 12,700*                   | 43.6                      | 311.5                      | 15,500*                   | 46.8                      | 319.1                      | 13,200                    | 49.9                      | 325.4                      | 10,900                    | 175                       |
| 180                       | 39.2                      | 299.4                      | 12,000*                   | 41.6                      | 305.8                      | 14,600                    | 44.9                      | 314.1                      | 12,300                    | 48.0                      | 320.9                      | 10,100                    | 180                       |
| 185                       | 37.0                      | 292.8                      | 11,500*                   | 39.5                      | 299.8                      | 13,700                    | 42.9                      | 308.7                      | 11,500                    | 46.2                      | 316.1                      | 9,400                     | 185                       |
| 190                       | 34.6                      | 285.6                      | 10,900*                   | 37.2                      | 293.2                      | 12,900                    | 40.9                      | 302.9                      | 10,800                    | 44.2                      | 310.9                      | 8,700                     | 190                       |
| 195                       | 32.1                      | 277.7                      | 10,400*                   | 34.9                      | 286.1                      | 12,100                    | 38.7                      | 296.7                      | 10,100                    | 42.2                      | 305.4                      | 8,000                     | 195                       |
| 200                       | 29.4                      | 268.9                      | 10,000*                   | 32.4                      | 278.2                      | 11,400                    | 36.5                      | 290.0                      | 9,400                     | 40.1                      | 299.5                      | 7,400                     | 200                       |
| 205                       | 26.4                      | 259.0                      | 9,500*                    | 29.7                      | 269.6                      | 10,700                    | 34.1                      | 282.6                      | 8,800                     | 38.0                      | 293.1                      | 6,800                     | 205                       |
| 210                       | 23.0                      | 247.6                      | 9,200*                    | 26.7                      | 259.9                      | 10,000                    | 31.5                      | 274.5                      | 8,200                     | 35.7                      | 286.1                      | 6,300                     | 210                       |
| 215                       | 19.1                      | 233.9                      | 8,900*                    | 23.4                      | 248.7                      | 9,400                     | 28.7                      | 265.5                      | 7,600                     | 33.2                      | 278.5                      | 5,700                     | 215                       |
| 220                       | 14.1                      | 215.9                      | 8,700*                    | 19.6                      | 235.3                      | 8,800                     | 25.7                      | 255.4                      | 7,000                     | 30.6                      | 270.2                      | 5,200                     | 220                       |
| 225                       | 4.9                       | 182.2                      | 8,700*                    | 14.7                      | 218.0                      | 8,200                     | 22.2                      | 243.5                      | 6,500                     | 27.7                      | 260.8                      | 4,700                     | 225                       |
| 230                       |                           |                            |                           | 6.7                       | 188.7                      | 7,500                     | 18.1                      | 229.1                      | 5,900                     | 24.5                      | 250.1                      | 4,200                     | 230                       |
| 235                       |                           |                            |                           |                           |                            |                           | 12.7                      | 209.6                      | 5,400                     |                           |                            |                           | 235                       |



# Liftcrane Fixed Jib Capacities

New York City Code

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

Boom No. 82

184,600 Lb. Crane Counterweight

44,000 Lb. Carbody Counterweight

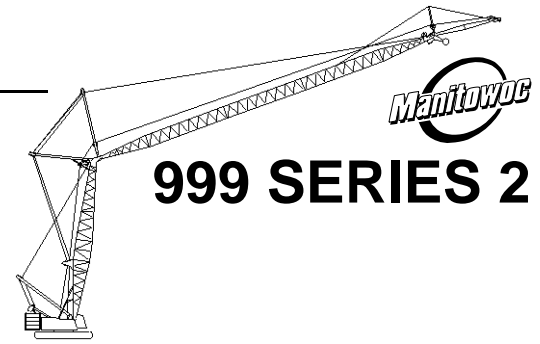
360 Degree Rating

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

## 999 SERIES 2

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

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | 80 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 75                        | 74.8                      | 381.8                      | 27,800*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 75                        |
| 80                        | 73.4                      | 380.2                      | 27,600*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 80                        |
| 85                        | 72.1                      | 378.6                      | 27,300*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 85                        |
| 90                        | 70.7                      | 376.8                      | 27,000*                   | 72.2                      | 378.4                      | 32,600*                   |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 69.3                      | 374.9                      | 26,700*                   | 70.9                      | 376.7                      | 31,800*                   |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 67.9                      | 372.8                      | 26,200*                   | 69.5                      | 374.8                      | 31,600*                   |                           |                            |                           |                           |                            |                           | 100                       |
| 105                       | 66.5                      | 370.6                      | 25,700*                   | 68.1                      | 372.7                      | 30,500*                   |                           |                            |                           |                           |                            |                           | 105                       |
| 110                       | 65.1                      | 368.3                      | 24,700*                   | 66.7                      | 370.5                      | 29,300*                   | 69.0                      | 373.2                      | 30,700                    |                           |                            |                           | 110                       |
| 115                       | 63.7                      | 365.8                      | 23,600*                   | 65.3                      | 368.2                      | 28,100*                   | 67.6                      | 371.1                      | 28,500                    |                           |                            |                           | 115                       |
| 120                       | 62.2                      | 363.1                      | 22,400*                   | 63.8                      | 365.7                      | 26,900*                   | 66.2                      | 368.9                      | 26,500                    |                           |                            |                           | 120                       |
| 125                       | 60.7                      | 360.3                      | 21,300*                   | 62.4                      | 363.1                      | 25,700*                   | 64.8                      | 366.5                      | 24,700                    |                           |                            |                           | 125                       |
| 130                       | 59.2                      | 357.3                      | 20,300*                   | 60.9                      | 360.3                      | 24,500*                   | 63.4                      | 363.9                      | 23,000                    | 65.7                      | 366.7                      | 19,800                    | 130                       |
| 135                       | 57.7                      | 354.1                      | 19,300*                   | 59.4                      | 357.3                      | 23,400*                   | 61.9                      | 361.2                      | 21,500                    | 64.3                      | 364.3                      | 18,400                    | 135                       |
| 140                       | 56.2                      | 350.7                      | 18,300*                   | 57.9                      | 354.1                      | 22,200*                   | 60.4                      | 358.4                      | 20,100                    | 62.9                      | 361.7                      | 17,100                    | 140                       |
| 145                       | 54.6                      | 347.1                      | 17,300*                   | 56.3                      | 350.8                      | 21,100*                   | 58.9                      | 355.3                      | 18,800                    | 61.4                      | 358.9                      | 15,900                    | 145                       |
| 150                       | 53.0                      | 343.3                      | 16,500*                   | 54.8                      | 347.2                      | 20,100*                   | 57.4                      | 352.1                      | 17,500                    | 59.9                      | 356.0                      | 14,800                    | 150                       |
| 155                       | 51.3                      | 339.3                      | 15,600*                   | 53.1                      | 343.4                      | 19,100*                   | 55.8                      | 348.7                      | 16,400                    | 58.4                      | 352.9                      | 13,700                    | 155                       |
| 160                       | 49.6                      | 335.0                      | 14,800*                   | 51.5                      | 339.4                      | 17,900                    | 54.2                      | 345.0                      | 15,300                    | 56.8                      | 349.6                      | 12,800                    | 160                       |
| 165                       | 47.9                      | 330.5                      | 14,100*                   | 49.8                      | 335.2                      | 16,900                    | 52.6                      | 341.2                      | 14,300                    | 55.3                      | 346.1                      | 11,800                    | 165                       |
| 170                       | 46.1                      | 325.7                      | 13,300*                   | 48.1                      | 330.7                      | 15,800                    | 50.9                      | 337.1                      | 13,400                    | 53.7                      | 342.4                      | 11,000                    | 170                       |
| 175                       | 44.2                      | 320.5                      | 12,700*                   | 46.3                      | 325.9                      | 14,900                    | 49.2                      | 332.8                      | 12,500                    | 52.0                      | 338.4                      | 10,200                    | 175                       |
| 180                       | 42.3                      | 315.0                      | 12,000*                   | 44.5                      | 320.8                      | 14,000                    | 47.5                      | 328.2                      | 11,700                    | 50.4                      | 334.3                      | 9,400                     | 180                       |
| 185                       | 40.3                      | 309.1                      | 11,400*                   | 42.6                      | 315.3                      | 13,100                    | 45.7                      | 323.3                      | 10,900                    | 48.6                      | 329.9                      | 8,700                     | 185                       |
| 190                       | 38.3                      | 302.8                      | 10,900*                   | 40.6                      | 309.5                      | 12,300                    | 43.8                      | 318.1                      | 10,200                    | 46.9                      | 325.2                      | 8,000                     | 190                       |
| 195                       | 36.1                      | 296.0                      | 10,400*                   | 38.5                      | 303.2                      | 11,600                    | 41.9                      | 312.5                      | 9,500                     | 45.0                      | 320.2                      | 7,400                     | 195                       |
| 200                       | 33.8                      | 288.6                      | 9,900*                    | 36.3                      | 296.4                      | 10,800                    | 39.9                      | 306.5                      | 8,800                     | 43.2                      | 314.8                      | 6,800                     | 200                       |
| 205                       | 31.3                      | 280.4                      | 9,500*                    | 34.1                      | 289.1                      | 10,100                    | 37.8                      | 300.1                      | 8,200                     | 41.2                      | 309.1                      | 6,200                     | 205                       |
| 210                       | 28.7                      | 271.4                      | 9,100*                    | 31.6                      | 281.0                      | 9,500                     | 35.6                      | 293.1                      | 7,600                     | 39.2                      | 303.0                      | 5,600                     | 210                       |
| 215                       | 25.8                      | 261.2                      | 8,800*                    | 29.0                      | 272.1                      | 8,800                     | 33.3                      | 285.5                      | 7,000                     | 37.0                      | 296.4                      | 5,100                     | 215                       |
| 220                       | 22.5                      | 249.5                      | 8,500*                    | 26.1                      | 262.1                      | 8,200                     | 30.8                      | 277.2                      | 6,400                     | 34.8                      | 289.2                      | 4,600                     | 220                       |
| 225                       | 18.6                      | 235.5                      | 8,300*                    | 22.9                      | 250.6                      | 7,700                     | 28.1                      | 268.0                      | 5,900                     | 32.4                      | 281.4                      | 4,100                     | 225                       |
| 230                       | 13.7                      | 217.1                      | 8,100*                    | 19.1                      | 236.9                      | 7,100                     | 25.1                      | 257.5                      | 5,400                     |                           |                            |                           | 230                       |
| 235                       | 4.7                       | 182.5                      | 7,500                     | 14.4                      | 219.2                      | 6,500                     | 21.7                      | 245.4                      | 4,900                     |                           |                            |                           | 235                       |
| 240                       |                           |                            |                           | 6.6                       | 189.2                      | 5,900                     | 17.7                      | 230.6                      | 4,400                     |                           |                            |                           | 240                       |



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

New York City Code  
Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

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

### 160 Ft. Boom, 190 Ft. Luffing Jib, 40 Ft. Fixed Jib

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | 80 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 80                        | 74.2                      | 390.7                      | 26,100*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 80                        |
| 85                        | 72.9                      | 389.1                      | 26,000*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 85                        |
| 90                        | 71.6                      | 387.4                      | 25,200*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 70.3                      | 385.6                      | 24,900*                   | 71.7                      | 387.3                      | 29,600*                   |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 68.9                      | 383.7                      | 24,600*                   | 70.4                      | 385.5                      | 29,400*                   |                           |                            |                           |                           |                            |                           | 100                       |
| 105                       | 67.6                      | 381.6                      | 24,200*                   | 69.1                      | 383.5                      | 29,100*                   |                           |                            |                           |                           |                            |                           | 105                       |
| 110                       | 66.3                      | 379.4                      | 23,800*                   | 67.8                      | 381.5                      | 28,000*                   | 70.0                      | 383.9                      | 29,300*                   |                           |                            |                           | 110                       |
| 115                       | 64.9                      | 377.0                      | 22,800*                   | 66.4                      | 379.2                      | 27,000*                   | 68.7                      | 381.9                      | 28,100                    |                           |                            |                           | 115                       |
| 120                       | 63.5                      | 374.5                      | 21,800*                   | 65.1                      | 376.9                      | 25,900*                   | 67.3                      | 379.8                      | 26,100                    |                           |                            |                           | 120                       |
| 125                       | 62.1                      | 371.8                      | 20,800*                   | 63.7                      | 374.4                      | 24,900*                   | 66.0                      | 377.6                      | 24,300                    |                           |                            |                           | 125                       |
| 130                       | 60.7                      | 369.0                      | 19,800*                   | 62.3                      | 371.7                      | 23,800*                   | 64.6                      | 375.2                      | 22,600                    | 66.8                      | 377.7                      | 19,400                    | 130                       |
| 135                       | 59.3                      | 366.0                      | 18,800*                   | 60.9                      | 368.9                      | 22,800*                   | 63.2                      | 372.6                      | 21,100                    | 65.5                      | 375.4                      | 18,000                    | 135                       |
| 140                       | 57.8                      | 362.8                      | 17,900*                   | 59.4                      | 365.9                      | 21,700*                   | 61.8                      | 369.9                      | 19,700                    | 64.1                      | 372.9                      | 16,700                    | 140                       |
| 145                       | 56.3                      | 359.4                      | 17,100*                   | 58.0                      | 362.8                      | 20,700*                   | 60.4                      | 367.0                      | 18,300                    | 62.7                      | 370.3                      | 15,500                    | 145                       |
| 150                       | 54.8                      | 355.9                      | 16,200*                   | 56.5                      | 359.5                      | 19,800*                   | 59.0                      | 364.0                      | 17,100                    | 61.3                      | 367.6                      | 14,400                    | 150                       |
| 155                       | 53.3                      | 352.1                      | 15,400*                   | 55.0                      | 355.9                      | 18,700                    | 57.5                      | 360.8                      | 16,000                    | 59.9                      | 364.6                      | 13,300                    | 155                       |
| 160                       | 51.7                      | 348.2                      | 14,700*                   | 53.5                      | 352.2                      | 17,500                    | 56.0                      | 357.4                      | 14,900                    | 58.4                      | 361.5                      | 12,300                    | 160                       |
| 165                       | 50.1                      | 344.0                      | 14,000*                   | 51.9                      | 348.2                      | 16,400                    | 54.5                      | 353.8                      | 13,900                    | 57.0                      | 358.3                      | 11,400                    | 165                       |
| 170                       | 48.4                      | 339.5                      | 13,300*                   | 50.3                      | 344.1                      | 15,400                    | 52.9                      | 350.0                      | 13,000                    | 55.5                      | 354.8                      | 10,600                    | 170                       |
| 175                       | 46.8                      | 334.8                      | 12,600*                   | 48.6                      | 339.7                      | 14,500                    | 51.4                      | 346.0                      | 12,100                    | 53.9                      | 351.1                      | 9,800                     | 175                       |
| 180                       | 45.0                      | 329.8                      | 12,000*                   | 47.0                      | 335.0                      | 13,600                    | 49.7                      | 341.7                      | 11,300                    | 52.4                      | 347.3                      | 9,000                     | 180                       |
| 185                       | 43.2                      | 324.4                      | 11,400*                   | 45.2                      | 330.0                      | 12,700                    | 48.1                      | 337.2                      | 10,500                    | 50.8                      | 343.2                      | 8,300                     | 185                       |
| 190                       | 41.3                      | 318.8                      | 10,900*                   | 43.4                      | 324.7                      | 11,900                    | 46.4                      | 332.4                      | 9,800                     | 49.2                      | 338.8                      | 7,600                     | 190                       |
| 195                       | 39.4                      | 312.7                      | 10,400*                   | 41.6                      | 319.1                      | 11,200                    | 44.6                      | 327.3                      | 9,100                     | 47.5                      | 334.2                      | 7,000                     | 195                       |
| 200                       | 37.4                      | 306.1                      | 9,900*                    | 39.6                      | 313.0                      | 10,400                    | 42.8                      | 321.9                      | 8,400                     | 45.8                      | 329.3                      | 6,400                     | 200                       |
| 205                       | 35.3                      | 299.1                      | 9,500*                    | 37.6                      | 306.5                      | 9,700                     | 40.9                      | 316.2                      | 7,800                     | 44.0                      | 324.1                      | 5,800                     | 205                       |
| 210                       | 33.0                      | 291.5                      | 9,100*                    | 35.5                      | 299.6                      | 9,100                     | 39.0                      | 310.0                      | 7,200                     | 42.2                      | 318.6                      | 5,200                     | 210                       |
| 215                       | 30.6                      | 283.1                      | 8,700*                    | 33.3                      | 292.0                      | 8,500                     | 36.9                      | 303.4                      | 6,600                     | 40.3                      | 312.7                      | 4,700                     | 215                       |
| 220                       | 28.0                      | 273.8                      | 8,400*                    | 30.9                      | 283.7                      | 7,900                     | 34.8                      | 296.2                      | 6,000                     | 38.3                      | 306.4                      | 4,200                     | 220                       |
| 225                       | 25.2                      | 263.4                      | 8,100*                    | 28.3                      | 274.6                      | 7,300                     | 32.5                      | 288.4                      | 5,500                     |                           |                            |                           | 225                       |
| 230                       | 22.0                      | 251.4                      | 7,800*                    | 25.5                      | 264.3                      | 6,700                     | 30.1                      | 279.8                      | 5,000                     |                           |                            |                           | 230                       |
| 235                       | 18.2                      | 237.0                      | 7,400                     | 22.4                      | 252.5                      | 6,200                     | 27.4                      | 270.4                      | 4,500                     |                           |                            |                           | 235                       |
| 240                       | 13.4                      | 218.1                      | 6,800                     | 18.7                      | 238.4                      | 5,700                     | 24.5                      | 259.6                      | 4,000                     |                           |                            |                           | 240                       |
| 245                       | 4.6                       | 182.8                      | 6,200                     | 14.0                      | 220.3                      | 5,200                     |                           |                            |                           |                           |                            |                           | 245                       |
| 250                       |                           |                            |                           | 6.4                       | 189.7                      | 4,600                     |                           |                            |                           |                           |                            |                           | 250                       |



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

New York City Code  
 Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82

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

184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

### 160 Ft. Boom, 200 Ft. Luffing Jib, 40 Ft. Fixed Jib

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | 80 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 80                        | 74.8                      | 401.1                      | 23,900*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 80                        |
| 85                        | 73.6                      | 399.6                      | 23,700*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 85                        |
| 90                        | 72.4                      | 398.0                      | 23,500*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 71.1                      | 396.3                      | 23,200*                   | 72.5                      | 397.8                      | 27,400*                   |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 69.9                      | 394.4                      | 23,000*                   | 71.3                      | 396.1                      | 27,200*                   |                           |                            |                           |                           |                            |                           | 100                       |
| 105                       | 68.6                      | 392.4                      | 22,700*                   | 70.0                      | 394.3                      | 27,000*                   |                           |                            |                           |                           |                            |                           | 105                       |
| 110                       | 67.3                      | 390.3                      | 22,300*                   | 68.7                      | 392.3                      | 26,700*                   |                           |                            |                           |                           |                            |                           | 110                       |
| 115                       | 66.0                      | 388.1                      | 21,900*                   | 67.4                      | 390.2                      | 25,800*                   | 69.6                      | 392.7                      | 27,000*                   |                           |                            |                           | 115                       |
| 120                       | 64.7                      | 385.7                      | 21,000*                   | 66.2                      | 388.0                      | 24,800*                   | 68.3                      | 390.7                      | 25,500                    |                           |                            |                           | 120                       |
| 125                       | 63.4                      | 383.1                      | 20,100*                   | 64.8                      | 385.6                      | 23,900*                   | 67.0                      | 388.5                      | 23,700                    |                           |                            |                           | 125                       |
| 130                       | 62.0                      | 380.5                      | 19,200*                   | 63.5                      | 383.1                      | 22,900*                   | 65.7                      | 386.3                      | 22,000                    |                           |                            |                           | 130                       |
| 135                       | 60.7                      | 377.6                      | 18,300*                   | 62.2                      | 380.4                      | 22,000*                   | 64.4                      | 383.8                      | 20,500                    | 66.6                      | 386.4                      | 17,300                    | 135                       |
| 140                       | 59.3                      | 374.6                      | 17,500*                   | 60.8                      | 377.6                      | 21,100*                   | 63.1                      | 381.3                      | 19,100                    | 65.3                      | 384.1                      | 16,000                    | 140                       |
| 145                       | 57.9                      | 371.5                      | 16,700*                   | 59.5                      | 374.6                      | 20,200*                   | 61.7                      | 378.6                      | 17,800                    | 63.9                      | 381.6                      | 14,800                    | 145                       |
| 150                       | 56.5                      | 368.1                      | 15,900*                   | 58.1                      | 371.5                      | 19,300*                   | 60.4                      | 375.7                      | 16,600                    | 62.6                      | 379.0                      | 13,700                    | 150                       |
| 155                       | 55.0                      | 364.6                      | 15,100*                   | 56.6                      | 368.1                      | 18,200                    | 59.0                      | 372.7                      | 15,400                    | 61.3                      | 376.2                      | 12,700                    | 155                       |
| 160                       | 53.6                      | 360.9                      | 14,400*                   | 55.2                      | 364.6                      | 17,000                    | 57.6                      | 369.5                      | 14,400                    | 59.9                      | 373.3                      | 11,700                    | 160                       |
| 165                       | 52.1                      | 357.0                      | 13,700*                   | 53.7                      | 361.0                      | 15,900                    | 56.2                      | 366.1                      | 13,400                    | 58.5                      | 370.2                      | 10,800                    | 165                       |
| 170                       | 50.5                      | 352.8                      | 13,100*                   | 52.2                      | 357.1                      | 14,900                    | 54.7                      | 362.5                      | 12,400                    | 57.1                      | 366.9                      | 10,000                    | 170                       |
| 175                       | 49.0                      | 348.5                      | 12,500*                   | 50.7                      | 353.0                      | 14,000                    | 53.2                      | 358.8                      | 11,600                    | 55.7                      | 363.5                      | 9,200                     | 175                       |
| 180                       | 47.4                      | 343.8                      | 11,900*                   | 49.2                      | 348.6                      | 13,100                    | 51.7                      | 354.8                      | 10,700                    | 54.2                      | 359.9                      | 8,400                     | 180                       |
| 185                       | 45.7                      | 339.0                      | 11,300*                   | 47.5                      | 344.0                      | 12,200                    | 50.2                      | 350.6                      | 9,900                     | 52.7                      | 356.1                      | 7,700                     | 185                       |
| 190                       | 44.0                      | 333.8                      | 10,800*                   | 45.9                      | 339.2                      | 11,400                    | 48.6                      | 346.2                      | 9,200                     | 51.2                      | 352.0                      | 7,000                     | 190                       |
| 195                       | 42.3                      | 328.3                      | 10,300*                   | 44.2                      | 334.0                      | 10,600                    | 47.0                      | 341.5                      | 8,500                     | 49.7                      | 347.7                      | 6,400                     | 195                       |
| 200                       | 40.4                      | 322.4                      | 9,800*                    | 42.5                      | 328.5                      | 9,900                     | 45.3                      | 336.5                      | 7,800                     | 48.1                      | 343.2                      | 5,800                     | 200                       |
| 205                       | 38.5                      | 316.1                      | 9,400*                    | 40.6                      | 322.7                      | 9,200                     | 43.6                      | 331.3                      | 7,200                     | 46.4                      | 338.5                      | 5,200                     | 205                       |
| 210                       | 36.6                      | 309.4                      | 9,000*                    | 38.8                      | 316.5                      | 8,600                     | 41.9                      | 325.7                      | 6,600                     | 44.8                      | 333.4                      | 4,700                     | 210                       |
| 215                       | 34.5                      | 302.2                      | 8,600*                    | 36.8                      | 309.8                      | 8,000                     | 40.0                      | 319.8                      | 6,000                     | 43.0                      | 328.0                      | 4,100                     | 215                       |
| 220                       | 32.3                      | 294.3                      | 8,300*                    | 34.7                      | 302.6                      | 7,400                     | 38.1                      | 313.4                      | 5,500                     |                           |                            |                           | 220                       |
| 225                       | 29.9                      | 285.7                      | 8,000*                    | 32.5                      | 294.9                      | 6,800                     | 36.1                      | 306.6                      | 5,000                     |                           |                            |                           | 225                       |
| 230                       | 27.4                      | 276.2                      | 7,400                     | 30.2                      | 286.4                      | 6,200                     | 34.0                      | 299.2                      | 4,500                     |                           |                            |                           | 230                       |
| 235                       | 24.6                      | 265.5                      | 6,900                     | 27.7                      | 277.0                      | 5,700                     | 31.8                      | 291.2                      | 4,000                     |                           |                            |                           | 235                       |
| 240                       | 21.5                      | 253.2                      | 6,300                     | 24.9                      | 266.5                      | 5,200                     |                           |                            |                           |                           |                            |                           | 240                       |
| 245                       | 17.8                      | 238.5                      | 5,800                     | 21.9                      | 254.4                      | 4,700                     |                           |                            |                           |                           |                            |                           | 245                       |
| 250                       | 13.1                      | 219.2                      | 5,300                     | 18.3                      | 240.0                      | 4,200                     |                           |                            |                           |                           |                            |                           | 250                       |
| 255                       | 4.5                       | 183.1                      | 4,700                     |                           |                            |                           |                           |                            |                           |                           |                            |                           | 255                       |



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

New York City Code  
 Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82  
 184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 160 Ft. Boom, 210 Ft. Luffing Jib, 40 Ft. Fixed Jib

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 85                        | 74.3                      | 410.1                      | 22,400*                   |                           |                            |                           |                           |                            |                           | 85                        |
| 90                        | 73.1                      | 408.5                      | 21,800*                   |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 71.9                      | 406.9                      | 21,600*                   |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 70.7                      | 405.1                      | 21,400*                   | 72.0                      | 406.7                      | 25,200*                   |                           |                            |                           | 100                       |
| 105                       | 69.5                      | 403.2                      | 21,100*                   | 70.8                      | 404.9                      | 25,100*                   |                           |                            |                           | 105                       |
| 110                       | 68.3                      | 401.2                      | 20,900*                   | 69.6                      | 403.1                      | 24,900*                   |                           |                            |                           | 110                       |
| 115                       | 67.0                      | 399.0                      | 20,600*                   | 68.4                      | 401.0                      | 24,500*                   |                           |                            |                           | 115                       |
| 120                       | 65.8                      | 396.8                      | 20,200*                   | 67.2                      | 398.9                      | 23,700*                   | 69.2                      | 401.5                      | 24,800*                   | 120                       |
| 125                       | 64.5                      | 394.4                      | 19,400*                   | 65.9                      | 396.7                      | 22,900*                   | 68.0                      | 399.4                      | 23,200                    | 125                       |
| 130                       | 63.2                      | 391.8                      | 18,600*                   | 64.7                      | 394.3                      | 22,100*                   | 66.7                      | 397.3                      | 21,500                    | 130                       |
| 135                       | 62.0                      | 389.1                      | 17,800*                   | 63.4                      | 391.7                      | 21,200*                   | 65.5                      | 395.0                      | 20,000                    | 135                       |
| 140                       | 60.7                      | 386.3                      | 17,000*                   | 62.1                      | 389.1                      | 20,400*                   | 64.2                      | 392.5                      | 18,500                    | 140                       |
| 145                       | 59.3                      | 383.3                      | 16,200*                   | 60.8                      | 386.2                      | 19,600*                   | 63.0                      | 389.9                      | 17,200                    | 145                       |
| 150                       | 58.0                      | 380.1                      | 15,500*                   | 59.5                      | 383.3                      | 18,800*                   | 61.7                      | 387.2                      | 16,000                    | 150                       |
| 155                       | 56.6                      | 376.8                      | 14,800*                   | 58.1                      | 380.1                      | 17,600                    | 60.4                      | 384.3                      | 14,900                    | 155                       |
| 160                       | 55.2                      | 373.3                      | 14,100*                   | 56.8                      | 376.8                      | 16,500                    | 59.0                      | 381.3                      | 13,800                    | 160                       |
| 165                       | 53.8                      | 369.6                      | 13,500*                   | 55.4                      | 373.4                      | 15,400                    | 57.7                      | 378.1                      | 12,800                    | 165                       |
| 170                       | 52.4                      | 365.8                      | 12,900*                   | 54.0                      | 369.7                      | 14,400                    | 56.3                      | 374.8                      | 11,900                    | 170                       |
| 175                       | 50.9                      | 361.7                      | 12,300*                   | 52.6                      | 365.9                      | 13,500                    | 54.9                      | 371.2                      | 11,000                    | 175                       |
| 180                       | 49.4                      | 357.4                      | 11,800*                   | 51.1                      | 361.8                      | 12,600                    | 53.5                      | 367.5                      | 10,200                    | 180                       |
| 185                       | 47.9                      | 352.9                      | 11,200*                   | 49.6                      | 357.5                      | 11,700                    | 52.1                      | 363.6                      | 9,400                     | 185                       |
| 190                       | 46.3                      | 348.1                      | 10,700*                   | 48.1                      | 353.0                      | 10,900                    | 50.6                      | 359.5                      | 8,700                     | 190                       |
| 195                       | 44.7                      | 343.0                      | 10,200*                   | 46.5                      | 348.3                      | 10,200                    | 49.1                      | 355.1                      | 8,000                     | 195                       |
| 200                       | 43.1                      | 337.7                      | 9,800*                    | 44.9                      | 343.2                      | 9,400                     | 47.6                      | 350.5                      | 7,300                     | 200                       |
| 205                       | 41.4                      | 332.0                      | 9,300*                    | 43.3                      | 337.9                      | 8,700                     | 46.0                      | 345.7                      | 6,700                     | 205                       |
| 210                       | 39.6                      | 325.9                      | 8,900*                    | 41.6                      | 332.3                      | 8,100                     | 44.4                      | 340.6                      | 6,100                     | 210                       |
| 215                       | 37.7                      | 319.5                      | 8,600*                    | 39.8                      | 326.3                      | 7,500                     | 42.7                      | 335.2                      | 5,500                     | 215                       |
| 220                       | 35.8                      | 312.6                      | 8,100                     | 37.9                      | 319.9                      | 6,900                     | 41.0                      | 329.4                      | 5,000                     | 220                       |
| 225                       | 33.8                      | 305.1                      | 7,500                     | 36.0                      | 313.0                      | 6,300                     | 39.2                      | 323.3                      | 4,500                     | 225                       |
| 230                       | 31.6                      | 297.1                      | 7,000                     | 34.0                      | 305.6                      | 5,800                     | 37.3                      | 316.7                      | 4,000                     | 230                       |
| 235                       | 29.3                      | 288.3                      | 6,400                     | 31.9                      | 297.7                      | 5,200                     |                           |                            |                           | 235                       |
| 240                       | 26.8                      | 278.5                      | 5,900                     | 29.6                      | 288.9                      | 4,700                     |                           |                            |                           | 240                       |
| 245                       | 24.1                      | 267.6                      | 5,400                     | 27.1                      | 279.3                      | 4,300                     |                           |                            |                           | 245                       |
| 250                       | 21.0                      | 255.0                      | 4,900                     |                           |                            |                           |                           |                            |                           | 250                       |
| 255                       | 17.4                      | 240.0                      | 4,400                     |                           |                            |                           |                           |                            |                           | 255                       |



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

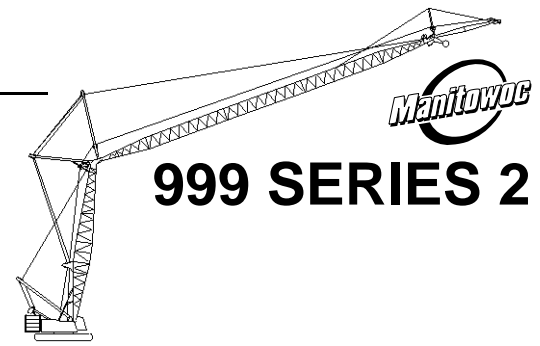
New York City Code  
 Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82  
 184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

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 Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | 80 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 80                        | 73.9                      | 380.5                      | 25,700*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 80                        |
| 85                        | 72.6                      | 378.9                      | 25,600*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 85                        |
| 90                        | 71.2                      | 377.1                      | 25,400*                   | 72.7                      | 378.7                      | 29,500*                   |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 69.8                      | 375.2                      | 25,200*                   | 71.4                      | 377.0                      | 29,500*                   |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 68.4                      | 373.2                      | 25,000*                   | 70.0                      | 375.1                      | 29,500*                   |                           |                            |                           |                           |                            |                           | 100                       |
| 105                       | 67.0                      | 371.0                      | 24,800*                   | 68.6                      | 373.1                      | 29,500*                   |                           |                            |                           |                           |                            |                           | 105                       |
| 110                       | 65.6                      | 368.7                      | 24,400*                   | 67.2                      | 370.9                      | 29,100*                   | 69.5                      | 373.5                      | 29,300*                   |                           |                            |                           | 110                       |
| 115                       | 64.2                      | 366.2                      | 23,700*                   | 65.8                      | 368.6                      | 28,000*                   | 68.1                      | 371.4                      | 29,200*                   |                           |                            |                           | 115                       |
| 120                       | 62.7                      | 363.6                      | 22,500*                   | 64.4                      | 366.2                      | 26,800*                   | 66.7                      | 369.2                      | 27,400                    |                           |                            |                           | 120                       |
| 125                       | 61.3                      | 360.8                      | 21,400*                   | 62.9                      | 363.5                      | 25,700*                   | 65.3                      | 366.9                      | 25,600                    |                           |                            |                           | 125                       |
| 130                       | 59.8                      | 357.8                      | 20,400*                   | 61.4                      | 360.8                      | 24,500*                   | 63.9                      | 364.4                      | 23,900                    | 66.2                      | 367.1                      | 20,700                    | 130                       |
| 135                       | 58.2                      | 354.7                      | 19,300*                   | 59.9                      | 357.8                      | 23,400*                   | 62.4                      | 361.7                      | 22,400                    | 64.8                      | 364.7                      | 19,300                    | 135                       |
| 140                       | 56.7                      | 351.3                      | 18,400*                   | 58.4                      | 354.7                      | 22,300*                   | 60.9                      | 358.9                      | 20,900                    | 63.4                      | 362.1                      | 18,000                    | 140                       |
| 145                       | 55.1                      | 347.8                      | 17,400*                   | 56.9                      | 351.4                      | 21,200*                   | 59.4                      | 355.9                      | 19,600                    | 61.9                      | 359.4                      | 16,800                    | 145                       |
| 150                       | 53.5                      | 344.0                      | 16,500*                   | 55.3                      | 347.8                      | 20,100*                   | 57.9                      | 352.7                      | 18,400                    | 60.4                      | 356.5                      | 15,600                    | 150                       |
| 155                       | 51.9                      | 340.0                      | 15,600*                   | 53.7                      | 344.1                      | 19,100*                   | 56.3                      | 349.3                      | 17,300                    | 58.9                      | 353.4                      | 14,600                    | 155                       |
| 160                       | 50.2                      | 335.8                      | 14,800*                   | 52.0                      | 340.1                      | 18,100*                   | 54.8                      | 345.7                      | 16,200                    | 57.4                      | 350.2                      | 13,600                    | 160                       |
| 165                       | 48.4                      | 331.3                      | 14,100*                   | 50.4                      | 335.9                      | 17,200*                   | 53.1                      | 341.9                      | 15,200                    | 55.8                      | 346.7                      | 12,700                    | 165                       |
| 170                       | 46.7                      | 326.5                      | 13,300*                   | 48.6                      | 331.5                      | 16,300*                   | 51.5                      | 337.8                      | 14,200                    | 54.2                      | 343.0                      | 11,800                    | 170                       |
| 175                       | 44.8                      | 321.5                      | 12,600*                   | 46.9                      | 326.7                      | 15,500*                   | 49.8                      | 333.6                      | 13,400                    | 52.6                      | 339.2                      | 11,000                    | 175                       |
| 180                       | 42.9                      | 316.0                      | 12,000*                   | 45.0                      | 321.7                      | 14,700*                   | 48.1                      | 329.0                      | 12,500                    | 50.9                      | 335.0                      | 10,300                    | 180                       |
| 185                       | 41.0                      | 310.2                      | 11,400*                   | 43.1                      | 316.3                      | 13,900*                   | 46.3                      | 324.2                      | 11,700                    | 49.2                      | 330.7                      | 9,500                     | 185                       |
| 190                       | 38.9                      | 304.0                      | 10,800*                   | 41.2                      | 310.5                      | 13,100                    | 44.4                      | 319.0                      | 11,000                    | 47.4                      | 326.0                      | 8,900                     | 190                       |
| 195                       | 36.7                      | 297.2                      | 10,300*                   | 39.1                      | 304.3                      | 12,400                    | 42.5                      | 313.5                      | 10,300                    | 45.6                      | 321.1                      | 8,200                     | 195                       |
| 200                       | 34.5                      | 289.9                      | 9,800*                    | 37.0                      | 297.7                      | 11,600                    | 40.5                      | 307.6                      | 9,600                     | 43.8                      | 315.8                      | 7,600                     | 200                       |
| 205                       | 32.0                      | 281.9                      | 9,300*                    | 34.7                      | 290.4                      | 10,900                    | 38.4                      | 301.2                      | 9,000                     | 41.8                      | 310.1                      | 7,000                     | 205                       |
| 210                       | 29.4                      | 273.1                      | 8,900*                    | 32.3                      | 282.5                      | 10,300                    | 36.2                      | 294.4                      | 8,400                     | 39.8                      | 304.1                      | 6,400                     | 210                       |
| 215                       | 26.5                      | 263.1                      | 8,600*                    | 29.7                      | 273.8                      | 9,600                     | 33.9                      | 286.9                      | 7,800                     | 37.7                      | 297.6                      | 5,900                     | 215                       |
| 220                       | 23.3                      | 251.8                      | 8,200*                    | 26.9                      | 264.0                      | 9,000                     | 31.5                      | 278.8                      | 7,200                     | 35.5                      | 290.5                      | 5,400                     | 220                       |
| 225                       | 19.6                      | 238.2                      | 8,000*                    | 23.7                      | 252.8                      | 8,400                     | 28.8                      | 269.7                      | 6,700                     | 33.1                      | 282.8                      | 4,900                     | 225                       |
| 230                       | 15.0                      | 220.8                      | 7,800*                    | 20.1                      | 239.5                      | 7,900                     | 25.9                      | 259.5                      | 6,200                     | 30.6                      | 274.4                      | 4,400                     | 230                       |
| 235                       | 7.6                       | 192.6                      | 7,800*                    | 15.6                      | 222.8                      | 7,300                     | 22.6                      | 247.7                      | 5,700                     | 27.8                      | 264.9                      | 4,000                     | 235                       |
| 240                       |                           |                            |                           | 8.8                       | 196.9                      | 6,700                     | 18.7                      | 233.5                      | 5,200                     |                           |                            |                           | 240                       |
| 245                       |                           |                            |                           |                           |                            |                           | 13.7                      | 214.8                      | 4,700                     |                           |                            |                           | 245                       |
| 250                       |                           |                            |                           |                           |                            |                           | 4.0                       | 177.6                      | 4,100                     |                           |                            |                           | 250                       |





# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

New York City Code  
Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

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

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

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | 80 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 80                        | 74.6                      | 391.0                      | 24,200*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 80                        |
| 85                        | 73.4                      | 389.4                      | 24,000*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 85                        |
| 90                        | 72.1                      | 387.7                      | 23,900*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 70.7                      | 385.9                      | 23,900*                   | 72.2                      | 387.6                      | 27,800*                   |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 69.4                      | 384.0                      | 23,500*                   | 70.9                      | 385.8                      | 27,700*                   |                           |                            |                           |                           |                            |                           | 100                       |
| 105                       | 68.1                      | 381.9                      | 23,300*                   | 69.6                      | 383.9                      | 27,600*                   |                           |                            |                           |                           |                            |                           | 105                       |
| 110                       | 66.7                      | 379.7                      | 23,100*                   | 68.2                      | 381.8                      | 27,600*                   |                           |                            |                           |                           |                            |                           | 110                       |
| 115                       | 65.4                      | 377.4                      | 22,700*                   | 66.9                      | 379.6                      | 26,800*                   | 69.1                      | 382.3                      | 27,400*                   |                           |                            |                           | 115                       |
| 120                       | 64.0                      | 374.9                      | 21,800*                   | 65.5                      | 377.3                      | 25,800*                   | 67.8                      | 380.2                      | 26,800                    |                           |                            |                           | 120                       |
| 125                       | 62.6                      | 372.3                      | 20,800*                   | 64.2                      | 374.8                      | 24,800*                   | 66.4                      | 377.9                      | 24,900                    |                           |                            |                           | 125                       |
| 130                       | 61.2                      | 369.5                      | 19,900*                   | 62.8                      | 372.2                      | 23,800*                   | 65.1                      | 375.6                      | 23,300                    |                           |                            |                           | 130                       |
| 135                       | 59.8                      | 366.5                      | 18,900*                   | 61.4                      | 369.4                      | 22,800*                   | 63.7                      | 373.0                      | 21,700                    | 66.0                      | 375.8                      | 18,600                    | 135                       |
| 140                       | 58.3                      | 363.3                      | 18,000*                   | 59.9                      | 366.5                      | 21,700*                   | 62.3                      | 370.4                      | 20,300                    | 64.6                      | 373.4                      | 17,300                    | 140                       |
| 145                       | 56.8                      | 360.0                      | 17,100*                   | 58.5                      | 363.3                      | 20,800*                   | 60.9                      | 367.5                      | 19,000                    | 63.2                      | 370.8                      | 16,100                    | 145                       |
| 150                       | 55.3                      | 356.5                      | 16,300*                   | 57.0                      | 360.0                      | 19,800*                   | 59.5                      | 364.5                      | 17,800                    | 61.8                      | 368.0                      | 15,000                    | 150                       |
| 155                       | 53.8                      | 352.8                      | 15,500*                   | 55.5                      | 356.6                      | 18,800*                   | 58.0                      | 361.3                      | 16,600                    | 60.4                      | 365.2                      | 13,900                    | 155                       |
| 160                       | 52.2                      | 348.9                      | 14,700*                   | 54.0                      | 352.9                      | 17,900*                   | 56.5                      | 358.0                      | 15,500                    | 59.0                      | 362.1                      | 12,900                    | 160                       |
| 165                       | 50.6                      | 344.7                      | 13,900*                   | 52.4                      | 349.0                      | 17,000*                   | 55.0                      | 354.4                      | 14,600                    | 57.5                      | 358.8                      | 12,000                    | 165                       |
| 170                       | 49.0                      | 340.3                      | 13,200*                   | 50.8                      | 344.8                      | 16,100                    | 53.5                      | 350.7                      | 13,600                    | 56.0                      | 355.4                      | 11,200                    | 170                       |
| 175                       | 47.3                      | 335.6                      | 12,600*                   | 49.2                      | 340.4                      | 15,100                    | 51.9                      | 346.7                      | 12,700                    | 54.5                      | 351.8                      | 10,400                    | 175                       |
| 180                       | 45.6                      | 330.7                      | 11,900*                   | 47.5                      | 335.8                      | 14,200                    | 50.3                      | 342.5                      | 11,900                    | 52.9                      | 347.9                      | 9,600                     | 180                       |
| 185                       | 43.8                      | 325.4                      | 11,400*                   | 45.8                      | 330.9                      | 13,400                    | 48.6                      | 338.0                      | 11,100                    | 51.3                      | 343.9                      | 8,900                     | 185                       |
| 190                       | 41.9                      | 319.8                      | 10,800*                   | 44.0                      | 325.7                      | 12,600                    | 46.9                      | 333.3                      | 10,400                    | 49.7                      | 339.6                      | 8,200                     | 190                       |
| 195                       | 40.0                      | 313.8                      | 10,300*                   | 42.1                      | 320.1                      | 11,800                    | 45.2                      | 328.2                      | 9,700                     | 48.0                      | 335.0                      | 7,600                     | 195                       |
| 200                       | 38.0                      | 307.3                      | 9,800*                    | 40.2                      | 314.1                      | 11,100                    | 43.4                      | 322.9                      | 9,000                     | 46.3                      | 330.2                      | 6,900                     | 200                       |
| 205                       | 35.9                      | 300.4                      | 9,300*                    | 38.2                      | 307.7                      | 10,400                    | 41.5                      | 317.2                      | 8,400                     | 44.6                      | 325.1                      | 6,400                     | 205                       |
| 210                       | 33.7                      | 292.9                      | 8,900*                    | 36.1                      | 300.8                      | 9,700                     | 39.6                      | 311.1                      | 7,800                     | 42.7                      | 319.6                      | 5,800                     | 210                       |
| 215                       | 31.3                      | 284.6                      | 8,500*                    | 33.9                      | 293.4                      | 9,100                     | 37.5                      | 304.6                      | 7,200                     | 40.8                      | 313.8                      | 5,300                     | 215                       |
| 220                       | 28.7                      | 275.5                      | 8,200*                    | 31.6                      | 285.2                      | 8,500                     | 35.4                      | 297.5                      | 6,600                     | 38.9                      | 307.5                      | 4,800                     | 220                       |
| 225                       | 25.9                      | 265.4                      | 7,900*                    | 29.0                      | 276.3                      | 7,900                     | 33.1                      | 289.8                      | 6,100                     | 36.8                      | 300.8                      | 4,300                     | 225                       |
| 230                       | 22.8                      | 253.7                      | 7,600*                    | 26.3                      | 266.2                      | 7,300                     | 30.7                      | 281.4                      | 5,600                     |                           |                            |                           | 230                       |
| 235                       | 19.2                      | 239.8                      | 7,400*                    | 23.2                      | 254.7                      | 6,800                     | 28.1                      | 272.1                      | 5,100                     |                           |                            |                           | 235                       |
| 240                       | 14.6                      | 222.0                      | 7,200*                    | 19.6                      | 241.2                      | 6,300                     | 25.3                      | 261.6                      | 4,600                     |                           |                            |                           | 240                       |
| 245                       | 7.4                       | 193.1                      | 6,800                     | 15.2                      | 224.0                      | 5,800                     | 22.1                      | 249.6                      | 4,200                     |                           |                            |                           | 245                       |
| 250                       |                           |                            |                           | 8.6                       | 197.6                      | 5,200                     |                           |                            |                           |                           |                            |                           | 250                       |



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

New York City Code  
 Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82  
 184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 160 Ft. Boom, 190 Ft. Luffing Jib, 50 Ft. Fixed Jib

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | 80 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 85                        | 74.1                      | 399.9                      | 22,500*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 85                        |
| 90                        | 72.8                      | 398.3                      | 22,400*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 71.6                      | 396.6                      | 22,300*                   | 73.0                      | 398.1                      | 26,000*                   |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 70.3                      | 394.7                      | 22,100*                   | 71.7                      | 396.4                      | 25,900*                   |                           |                            |                           |                           |                            |                           | 100                       |
| 105                       | 69.0                      | 392.8                      | 21,900*                   | 70.5                      | 394.6                      | 25,800*                   |                           |                            |                           |                           |                            |                           | 105                       |
| 110                       | 67.8                      | 390.7                      | 21,700*                   | 69.2                      | 392.6                      | 25,700*                   |                           |                            |                           |                           |                            |                           | 110                       |
| 115                       | 66.5                      | 388.5                      | 21,500*                   | 67.9                      | 390.6                      | 25,500*                   |                           |                            |                           |                           |                            |                           | 115                       |
| 120                       | 65.2                      | 386.1                      | 21,100*                   | 66.6                      | 388.3                      | 24,800*                   | 68.8                      | 391.0                      | 25,600*                   |                           |                            |                           | 120                       |
| 125                       | 63.8                      | 383.6                      | 20,200*                   | 65.3                      | 386.0                      | 23,900*                   | 67.5                      | 388.9                      | 24,500                    |                           |                            |                           | 125                       |
| 130                       | 62.5                      | 380.9                      | 19,300*                   | 64.0                      | 383.5                      | 23,000*                   | 66.2                      | 386.7                      | 22,800                    |                           |                            |                           | 130                       |
| 135                       | 61.2                      | 378.1                      | 18,400*                   | 62.7                      | 380.9                      | 22,100*                   | 64.9                      | 384.3                      | 21,300                    |                           |                            |                           | 135                       |
| 140                       | 59.8                      | 375.2                      | 17,600*                   | 61.3                      | 378.1                      | 21,200*                   | 63.6                      | 381.7                      | 19,900                    | 65.7                      | 384.5                      | 16,900                    | 140                       |
| 145                       | 58.4                      | 372.0                      | 16,800*                   | 59.9                      | 375.1                      | 20,300*                   | 62.2                      | 379.0                      | 18,600                    | 64.4                      | 382.0                      | 15,700                    | 145                       |
| 150                       | 57.0                      | 368.7                      | 16,000*                   | 58.5                      | 372.0                      | 19,400*                   | 60.9                      | 376.2                      | 17,300                    | 63.1                      | 379.4                      | 14,500                    | 150                       |
| 155                       | 55.5                      | 365.2                      | 15,200*                   | 57.1                      | 368.7                      | 18,500*                   | 59.5                      | 373.2                      | 16,200                    | 61.7                      | 376.7                      | 13,500                    | 155                       |
| 160                       | 54.1                      | 361.6                      | 14,500*                   | 55.7                      | 365.3                      | 17,700*                   | 58.1                      | 370.0                      | 15,100                    | 60.4                      | 373.8                      | 12,500                    | 160                       |
| 165                       | 52.6                      | 357.7                      | 13,800*                   | 54.2                      | 361.6                      | 16,700                    | 56.7                      | 366.7                      | 14,100                    | 59.0                      | 370.8                      | 11,600                    | 165                       |
| 170                       | 51.0                      | 353.6                      | 13,100*                   | 52.7                      | 357.8                      | 15,700                    | 55.2                      | 363.1                      | 13,200                    | 57.6                      | 367.5                      | 10,700                    | 170                       |
| 175                       | 49.5                      | 349.2                      | 12,500*                   | 51.2                      | 353.7                      | 14,700                    | 53.7                      | 359.4                      | 12,300                    | 56.2                      | 364.1                      | 9,900                     | 175                       |
| 180                       | 47.9                      | 344.7                      | 11,900*                   | 49.7                      | 349.4                      | 13,800                    | 52.2                      | 355.5                      | 11,500                    | 54.7                      | 360.5                      | 9,200                     | 180                       |
| 185                       | 46.2                      | 339.8                      | 11,300*                   | 48.1                      | 344.8                      | 13,000                    | 50.7                      | 351.4                      | 10,700                    | 53.2                      | 356.7                      | 8,500                     | 185                       |
| 190                       | 44.5                      | 334.7                      | 10,800*                   | 46.4                      | 340.0                      | 12,100                    | 49.1                      | 347.0                      | 10,000                    | 51.7                      | 352.7                      | 7,800                     | 190                       |
| 195                       | 42.8                      | 329.2                      | 10,300*                   | 44.7                      | 334.9                      | 11,400                    | 47.5                      | 342.3                      | 9,300                     | 50.2                      | 348.5                      | 7,100                     | 195                       |
| 200                       | 41.0                      | 323.4                      | 9,800*                    | 43.0                      | 329.5                      | 10,700                    | 45.9                      | 337.4                      | 8,600                     | 48.6                      | 344.0                      | 6,500                     | 200                       |
| 205                       | 39.1                      | 317.3                      | 9,300*                    | 41.2                      | 323.8                      | 10,000                    | 44.2                      | 332.2                      | 8,000                     | 47.0                      | 339.3                      | 5,900                     | 205                       |
| 210                       | 37.2                      | 310.6                      | 8,900*                    | 39.3                      | 317.6                      | 9,300                     | 42.4                      | 326.7                      | 7,400                     | 45.3                      | 334.3                      | 5,400                     | 210                       |
| 215                       | 35.1                      | 303.5                      | 8,500*                    | 37.4                      | 311.0                      | 8,700                     | 40.6                      | 320.8                      | 6,800                     | 43.6                      | 329.0                      | 4,900                     | 215                       |
| 220                       | 32.9                      | 295.7                      | 8,200*                    | 35.3                      | 303.9                      | 8,100                     | 38.7                      | 314.5                      | 6,200                     | 41.8                      | 323.4                      | 4,400                     | 220                       |
| 225                       | 30.6                      | 287.3                      | 7,800*                    | 33.2                      | 296.3                      | 7,500                     | 36.7                      | 307.8                      | 5,700                     |                           |                            |                           | 225                       |
| 230                       | 28.1                      | 278.0                      | 7,500*                    | 30.9                      | 287.9                      | 7,000                     | 34.6                      | 300.5                      | 5,200                     |                           |                            |                           | 230                       |
| 235                       | 25.4                      | 267.5                      | 7,300*                    | 28.4                      | 278.7                      | 6,400                     | 32.4                      | 292.6                      | 4,700                     |                           |                            |                           | 235                       |
| 240                       | 22.3                      | 255.6                      | 7,000*                    | 25.7                      | 268.4                      | 5,900                     | 30.1                      | 284.0                      | 4,200                     |                           |                            |                           | 240                       |
| 245                       | 18.7                      | 241.4                      | 6,600                     | 22.7                      | 256.7                      | 5,400                     |                           |                            |                           |                           |                            |                           | 245                       |
| 250                       | 14.3                      | 223.2                      | 6,000                     | 19.2                      | 242.8                      | 4,900                     |                           |                            |                           |                           |                            |                           | 250                       |
| 255                       | 7.2                       | 193.6                      | 5,500                     | 14.9                      | 225.2                      | 4,500                     |                           |                            |                           |                           |                            |                           | 255                       |
| 260                       |                           |                            |                           | 8.4                       | 198.2                      | 4,000                     |                           |                            |                           |                           |                            |                           | 260                       |



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

New York City Code  
 Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82  
 184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 160 Ft. Boom, 200 Ft. Luffing Jib, 50 Ft. Fixed Jib

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 85                        | 74.7                      | 410.3                      | 21,600*                   |                           |                            |                           |                           |                            |                           | 85                        |
| 90                        | 73.5                      | 408.8                      | 20,900*                   |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 72.3                      | 407.2                      | 20,800*                   |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 71.1                      | 405.4                      | 20,600*                   | 72.5                      | 407.0                      | 24,200*                   |                           |                            |                           | 100                       |
| 105                       | 69.9                      | 403.5                      | 20,500*                   | 71.3                      | 405.2                      | 24,000*                   |                           |                            |                           | 105                       |
| 110                       | 68.7                      | 401.5                      | 20,300*                   | 70.1                      | 403.4                      | 24,000*                   |                           |                            |                           | 110                       |
| 115                       | 67.5                      | 399.4                      | 20,100*                   | 68.8                      | 401.4                      | 23,900*                   |                           |                            |                           | 115                       |
| 120                       | 66.2                      | 397.2                      | 19,900*                   | 67.6                      | 399.3                      | 23,700*                   | 69.7                      | 401.8                      | 23,800*                   | 120                       |
| 125                       | 65.0                      | 394.8                      | 19,500*                   | 66.4                      | 397.0                      | 22,900*                   | 68.4                      | 399.8                      | 23,800*                   | 125                       |
| 130                       | 63.7                      | 392.2                      | 18,600*                   | 65.1                      | 394.7                      | 22,100*                   | 67.2                      | 397.6                      | 22,300                    | 130                       |
| 135                       | 62.4                      | 389.6                      | 17,800*                   | 63.8                      | 392.2                      | 21,200*                   | 65.9                      | 395.4                      | 20,700                    | 135                       |
| 140                       | 61.1                      | 386.8                      | 17,100*                   | 62.6                      | 389.5                      | 20,400*                   | 64.7                      | 392.9                      | 19,300                    | 140                       |
| 145                       | 59.8                      | 383.8                      | 16,300*                   | 61.3                      | 386.7                      | 19,600*                   | 63.4                      | 390.4                      | 18,000                    | 145                       |
| 150                       | 58.5                      | 380.7                      | 15,600*                   | 59.9                      | 383.8                      | 18,800*                   | 62.1                      | 387.7                      | 16,800                    | 150                       |
| 155                       | 57.1                      | 377.4                      | 14,900*                   | 58.6                      | 380.7                      | 18,000*                   | 60.8                      | 384.8                      | 15,600                    | 155                       |
| 160                       | 55.7                      | 373.9                      | 14,200*                   | 57.3                      | 377.4                      | 17,200                    | 59.5                      | 381.8                      | 14,600                    | 160                       |
| 165                       | 54.3                      | 370.3                      | 13,600*                   | 55.9                      | 374.0                      | 16,200                    | 58.2                      | 378.7                      | 13,600                    | 165                       |
| 170                       | 52.9                      | 366.5                      | 12,900*                   | 54.5                      | 370.4                      | 15,100                    | 56.8                      | 375.4                      | 12,600                    | 170                       |
| 175                       | 51.4                      | 362.4                      | 12,300*                   | 53.0                      | 366.5                      | 14,200                    | 55.4                      | 371.9                      | 11,800                    | 175                       |
| 180                       | 49.9                      | 358.2                      | 11,800*                   | 51.6                      | 362.5                      | 13,300                    | 54.0                      | 368.2                      | 10,900                    | 180                       |
| 185                       | 48.4                      | 353.7                      | 11,200*                   | 50.1                      | 358.3                      | 12,400                    | 52.6                      | 364.3                      | 10,100                    | 185                       |
| 190                       | 46.9                      | 348.9                      | 10,700*                   | 48.6                      | 353.8                      | 11,600                    | 51.1                      | 360.2                      | 9,400                     | 190                       |
| 195                       | 45.2                      | 343.9                      | 10,200*                   | 47.0                      | 349.1                      | 10,900                    | 49.6                      | 355.9                      | 8,700                     | 195                       |
| 200                       | 43.6                      | 338.6                      | 9,700*                    | 45.4                      | 344.1                      | 10,100                    | 48.1                      | 351.4                      | 8,000                     | 200                       |
| 205                       | 41.9                      | 333.0                      | 9,300*                    | 43.8                      | 338.9                      | 9,500                     | 46.5                      | 346.6                      | 7,400                     | 205                       |
| 210                       | 40.1                      | 327.0                      | 8,900*                    | 42.1                      | 333.3                      | 8,800                     | 44.9                      | 341.5                      | 6,800                     | 210                       |
| 215                       | 38.3                      | 320.7                      | 8,500*                    | 40.3                      | 327.4                      | 8,200                     | 43.2                      | 336.1                      | 6,200                     | 215                       |
| 220                       | 36.4                      | 313.8                      | 8,100*                    | 38.5                      | 321.0                      | 7,600                     | 41.5                      | 330.4                      | 5,700                     | 220                       |
| 225                       | 34.3                      | 306.5                      | 7,800*                    | 36.6                      | 314.3                      | 7,000                     | 39.7                      | 324.4                      | 5,200                     | 225                       |
| 230                       | 32.2                      | 298.5                      | 7,500*                    | 34.6                      | 307.0                      | 6,500                     | 37.9                      | 317.9                      | 4,700                     | 230                       |
| 235                       | 29.9                      | 289.9                      | 7,100                     | 32.5                      | 299.1                      | 5,900                     | 35.9                      | 311.0                      | 4,200                     | 235                       |
| 240                       | 27.5                      | 280.3                      | 6,600                     | 30.2                      | 290.5                      | 5,400                     |                           |                            |                           | 240                       |
| 245                       | 24.8                      | 269.6                      | 6,100                     | 27.8                      | 281.1                      | 5,000                     |                           |                            |                           | 245                       |
| 250                       | 21.8                      | 257.4                      | 5,600                     | 25.1                      | 270.6                      | 4,500                     |                           |                            |                           | 250                       |
| 255                       | 18.3                      | 242.9                      | 5,100                     | 22.2                      | 258.5                      | 4,000                     |                           |                            |                           | 255                       |
| 260                       | 14.0                      | 224.3                      | 4,600                     |                           |                            |                           |                           |                            |                           | 260                       |
| 265                       | 7.0                       | 194.2                      | 4,100                     |                           |                            |                           |                           |                            |                           | 265                       |



# Liftcrane Fixed Jib Capacities

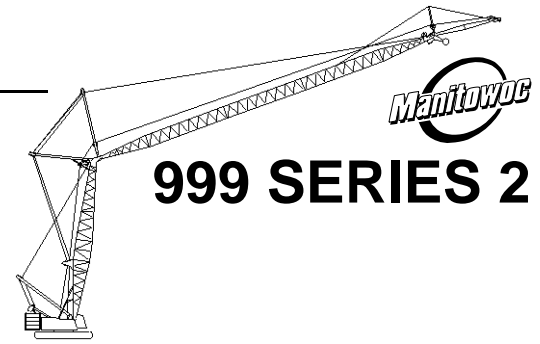
## 999 SERIES 2

New York City Code  
 Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82  
 184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 160 Ft. Boom, 210 Ft. Luffing Jib, 50 Ft. Fixed Jib

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 90                        | 74.2                      | 419.3                      | 19,500*                   |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 73.0                      | 417.7                      | 19,400*                   |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 71.9                      | 416.0                      | 19,200*                   |                           |                            |                           |                           |                            |                           | 100                       |
| 105                       | 70.7                      | 414.2                      | 19,100*                   | 72.0                      | 415.8                      | 22,400*                   |                           |                            |                           | 105                       |
| 110                       | 69.6                      | 412.3                      | 18,900*                   | 70.9                      | 414.1                      | 22,300*                   |                           |                            |                           | 110                       |
| 115                       | 68.4                      | 410.3                      | 18,800*                   | 69.7                      | 412.2                      | 22,100*                   |                           |                            |                           | 115                       |
| 120                       | 67.2                      | 408.1                      | 18,600*                   | 68.5                      | 410.1                      | 22,000*                   |                           |                            |                           | 120                       |
| 125                       | 66.0                      | 405.9                      | 18,400*                   | 67.3                      | 408.0                      | 21,800*                   | 69.3                      | 410.6                      | 22,100*                   | 125                       |
| 130                       | 64.8                      | 403.5                      | 18,000*                   | 66.1                      | 405.8                      | 21,100*                   | 68.1                      | 408.5                      | 21,700                    | 130                       |
| 135                       | 63.6                      | 400.9                      | 17,200*                   | 64.9                      | 403.4                      | 20,400*                   | 66.9                      | 406.3                      | 20,200                    | 135                       |
| 140                       | 62.3                      | 398.2                      | 16,500*                   | 63.7                      | 400.8                      | 19,700*                   | 65.7                      | 404.0                      | 18,800                    | 140                       |
| 145                       | 61.1                      | 395.4                      | 15,800*                   | 62.5                      | 398.2                      | 18,900*                   | 64.5                      | 401.6                      | 17,500                    | 145                       |
| 150                       | 59.8                      | 392.5                      | 15,200*                   | 61.2                      | 395.4                      | 18,200*                   | 63.3                      | 399.1                      | 16,200                    | 150                       |
| 155                       | 58.5                      | 389.4                      | 14,500*                   | 59.9                      | 392.4                      | 17,500*                   | 62.0                      | 396.3                      | 15,100                    | 155                       |
| 160                       | 57.2                      | 386.1                      | 13,900*                   | 58.7                      | 389.4                      | 16,700                    | 60.8                      | 393.5                      | 14,000                    | 160                       |
| 165                       | 55.9                      | 382.7                      | 13,300*                   | 57.4                      | 386.1                      | 15,700                    | 59.5                      | 390.5                      | 13,000                    | 165                       |
| 170                       | 54.5                      | 379.0                      | 12,700*                   | 56.0                      | 382.7                      | 14,600                    | 58.2                      | 387.4                      | 12,100                    | 170                       |
| 175                       | 53.2                      | 375.2                      | 12,100*                   | 54.7                      | 379.1                      | 13,700                    | 56.9                      | 384.1                      | 11,200                    | 175                       |
| 180                       | 51.8                      | 371.3                      | 11,600*                   | 53.3                      | 375.3                      | 12,800                    | 55.6                      | 380.6                      | 10,400                    | 180                       |
| 185                       | 50.4                      | 367.1                      | 11,100*                   | 51.9                      | 371.4                      | 11,900                    | 54.2                      | 376.9                      | 9,600                     | 185                       |
| 190                       | 48.9                      | 362.7                      | 10,600*                   | 50.5                      | 367.2                      | 11,100                    | 52.9                      | 373.1                      | 8,900                     | 190                       |
| 195                       | 47.4                      | 358.0                      | 10,100*                   | 49.1                      | 362.8                      | 10,400                    | 51.5                      | 369.1                      | 8,200                     | 195                       |
| 200                       | 45.9                      | 353.1                      | 9,700*                    | 47.6                      | 358.2                      | 9,700                     | 50.0                      | 364.8                      | 7,500                     | 200                       |
| 205                       | 44.3                      | 347.9                      | 9,200*                    | 46.1                      | 353.3                      | 9,000                     | 48.6                      | 360.4                      | 6,900                     | 205                       |
| 210                       | 42.7                      | 342.5                      | 8,800*                    | 44.5                      | 348.2                      | 8,300                     | 47.1                      | 355.7                      | 6,300                     | 210                       |
| 215                       | 41.0                      | 336.7                      | 8,400*                    | 42.9                      | 342.7                      | 7,700                     | 45.5                      | 350.7                      | 5,700                     | 215                       |
| 220                       | 39.3                      | 330.5                      | 8,100*                    | 41.2                      | 337.0                      | 7,100                     | 44.0                      | 345.5                      | 5,200                     | 220                       |
| 225                       | 37.5                      | 324.0                      | 7,700*                    | 39.5                      | 330.9                      | 6,500                     | 42.3                      | 339.9                      | 4,700                     | 225                       |
| 230                       | 35.6                      | 317.0                      | 7,200                     | 37.7                      | 324.4                      | 6,000                     | 40.6                      | 334.1                      | 4,200                     | 230                       |
| 235                       | 33.6                      | 309.4                      | 6,700                     | 35.8                      | 317.4                      | 5,500                     |                           |                            |                           | 235                       |
| 240                       | 31.6                      | 301.3                      | 6,100                     | 33.9                      | 310.0                      | 5,000                     |                           |                            |                           | 240                       |
| 245                       | 29.3                      | 292.4                      | 5,600                     | 31.8                      | 301.9                      | 4,500                     |                           |                            |                           | 245                       |
| 250                       | 26.9                      | 282.6                      | 5,100                     | 29.6                      | 293.1                      | 4,000                     |                           |                            |                           | 250                       |
| 255                       | 24.3                      | 271.7                      | 4,600                     |                           |                            |                           |                           |                            |                           | 255                       |
| 260                       | 21.4                      | 259.2                      | 4,200                     |                           |                            |                           |                           |                            |                           | 260                       |



# Liftcrane Fixed Jib Capacities

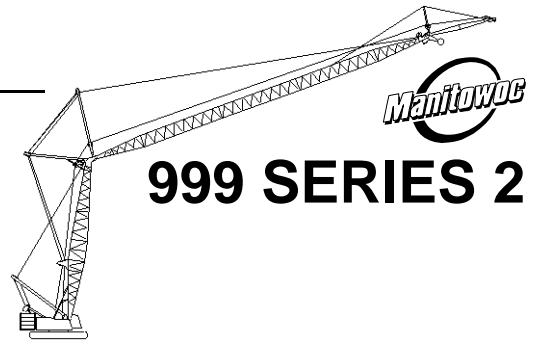
## 999 SERIES 2

New York City Code  
 Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82  
 184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

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 Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | 80 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 80                        | 74.7                      | 391.0                      | 21,400*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 80                        |
| 85                        | 73.4                      | 389.4                      | 21,300*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 85                        |
| 90                        | 72.1                      | 387.8                      | 21,200*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 70.8                      | 386.0                      | 21,000*                   | 72.3                      | 387.6                      | 24,500*                   |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 69.5                      | 384.0                      | 20,800*                   | 71.0                      | 385.8                      | 24,300*                   |                           |                            |                           |                           |                            |                           | 100                       |
| 105                       | 68.2                      | 382.0                      | 20,600*                   | 69.6                      | 383.9                      | 24,100*                   |                           |                            |                           |                           |                            |                           | 105                       |
| 110                       | 66.8                      | 379.8                      | 20,400*                   | 68.3                      | 381.9                      | 24,000*                   |                           |                            |                           |                           |                            |                           | 110                       |
| 115                       | 65.5                      | 377.4                      | 20,300*                   | 67.0                      | 379.7                      | 23,800*                   | 69.2                      | 382.3                      | 23,800*                   |                           |                            |                           | 115                       |
| 120                       | 64.1                      | 374.9                      | 20,100*                   | 65.6                      | 377.3                      | 23,600*                   | 67.9                      | 380.2                      | 23,800*                   |                           |                            |                           | 120                       |
| 125                       | 62.7                      | 372.3                      | 19,900*                   | 64.2                      | 374.9                      | 23,400*                   | 66.5                      | 378.0                      | 23,500*                   |                           |                            |                           | 125                       |
| 130                       | 61.3                      | 369.5                      | 19,500*                   | 62.9                      | 372.2                      | 23,100*                   | 65.2                      | 375.6                      | 23,200*                   |                           |                            |                           | 130                       |
| 135                       | 59.8                      | 366.5                      | 18,600*                   | 61.4                      | 369.5                      | 22,300*                   | 63.8                      | 373.1                      | 22,400                    | 66.0                      | 375.8                      | 19,300                    | 135                       |
| 140                       | 58.4                      | 363.4                      | 17,700*                   | 60.0                      | 366.5                      | 21,300*                   | 62.4                      | 370.4                      | 21,000                    | 64.7                      | 373.4                      | 18,000                    | 140                       |
| 145                       | 56.9                      | 360.1                      | 16,800*                   | 58.6                      | 363.4                      | 20,300*                   | 61.0                      | 367.6                      | 19,700                    | 63.3                      | 370.8                      | 16,800                    | 145                       |
| 150                       | 55.4                      | 356.5                      | 16,000*                   | 57.1                      | 360.1                      | 19,400*                   | 59.5                      | 364.6                      | 18,400                    | 61.9                      | 368.1                      | 15,600                    | 150                       |
| 155                       | 53.9                      | 352.8                      | 15,200*                   | 55.6                      | 356.6                      | 18,500*                   | 58.1                      | 361.4                      | 17,300                    | 60.5                      | 365.2                      | 14,600                    | 155                       |
| 160                       | 52.3                      | 348.9                      | 14,400*                   | 54.1                      | 352.9                      | 17,600*                   | 56.6                      | 358.0                      | 16,200                    | 59.0                      | 362.1                      | 13,600                    | 160                       |
| 165                       | 50.7                      | 344.7                      | 13,700*                   | 52.5                      | 349.0                      | 16,700*                   | 55.1                      | 354.5                      | 15,200                    | 57.6                      | 358.9                      | 12,700                    | 165                       |
| 170                       | 49.1                      | 340.3                      | 13,000*                   | 50.9                      | 344.9                      | 15,900*                   | 53.5                      | 350.7                      | 14,300                    | 56.1                      | 355.5                      | 11,800                    | 170                       |
| 175                       | 47.4                      | 335.7                      | 12,300*                   | 49.3                      | 340.5                      | 15,100*                   | 52.0                      | 346.7                      | 13,400                    | 54.5                      | 351.8                      | 11,000                    | 175                       |
| 180                       | 45.6                      | 330.7                      | 11,600*                   | 47.6                      | 335.9                      | 14,300*                   | 50.3                      | 342.5                      | 12,600                    | 53.0                      | 348.0                      | 10,300                    | 180                       |
| 185                       | 43.9                      | 325.4                      | 11,000*                   | 45.8                      | 330.9                      | 13,600*                   | 48.7                      | 338.0                      | 11,800                    | 51.4                      | 343.9                      | 9,600                     | 185                       |
| 190                       | 42.0                      | 319.8                      | 10,500*                   | 44.1                      | 325.7                      | 12,900*                   | 47.0                      | 333.3                      | 11,100                    | 49.8                      | 339.6                      | 8,900                     | 190                       |
| 195                       | 40.1                      | 313.8                      | 10,000*                   | 42.2                      | 320.1                      | 12,200*                   | 45.3                      | 328.3                      | 10,300                    | 48.1                      | 335.1                      | 8,200                     | 195                       |
| 200                       | 38.1                      | 307.4                      | 9,500*                    | 40.3                      | 314.2                      | 11,600*                   | 43.5                      | 323.0                      | 9,700                     | 46.4                      | 330.3                      | 7,600                     | 200                       |
| 205                       | 36.0                      | 300.4                      | 9,000*                    | 38.3                      | 307.8                      | 11,000*                   | 41.6                      | 317.3                      | 9,000                     | 44.6                      | 325.1                      | 7,000                     | 205                       |
| 210                       | 33.7                      | 292.9                      | 8,600*                    | 36.2                      | 300.9                      | 10,400*                   | 39.6                      | 311.2                      | 8,400                     | 42.8                      | 319.7                      | 6,500                     | 210                       |
| 215                       | 31.4                      | 284.7                      | 8,200*                    | 34.0                      | 293.4                      | 9,800                     | 37.6                      | 304.6                      | 7,900                     | 40.9                      | 313.8                      | 6,000                     | 215                       |
| 220                       | 28.8                      | 275.6                      | 7,800*                    | 31.6                      | 285.3                      | 9,200                     | 35.5                      | 297.5                      | 7,300                     | 39.0                      | 307.6                      | 5,500                     | 220                       |
| 225                       | 26.0                      | 265.4                      | 7,500*                    | 29.1                      | 276.3                      | 8,600                     | 33.2                      | 289.9                      | 6,800                     | 36.9                      | 300.9                      | 5,000                     | 225                       |
| 230                       | 22.9                      | 253.8                      | 7,200*                    | 26.4                      | 266.3                      | 8,000                     | 30.8                      | 281.5                      | 6,300                     | 34.7                      | 293.6                      | 4,500                     | 230                       |
| 235                       | 19.3                      | 239.9                      | 7,000*                    | 23.3                      | 254.8                      | 7,500                     | 28.2                      | 272.2                      | 5,800                     | 32.4                      | 285.7                      | 4,100                     | 235                       |
| 240                       | 14.7                      | 222.1                      | 6,800*                    | 19.7                      | 241.3                      | 7,000                     | 25.4                      | 261.7                      | 5,300                     |                           |                            |                           | 240                       |
| 245                       | 7.5                       | 193.4                      | 6,800*                    | 15.3                      | 224.1                      | 6,400                     | 22.1                      | 249.6                      | 4,800                     |                           |                            |                           | 245                       |
| 250                       |                           |                            |                           | 8.7                       | 197.8                      | 5,900                     | 18.4                      | 235.1                      | 4,400                     |                           |                            |                           | 250                       |



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

New York City Code  
 Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82  
 184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

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

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | 80 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 85                        | 74.1                      | 399.9                      | 20,300*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 85                        |
| 90                        | 72.9                      | 398.3                      | 20,200*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 71.6                      | 396.6                      | 20,100*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 70.4                      | 394.8                      | 20,000*                   | 71.8                      | 396.4                      | 23,300*                   |                           |                            |                           |                           |                            |                           | 100                       |
| 105                       | 69.1                      | 392.8                      | 19,800*                   | 70.5                      | 394.6                      | 23,200*                   |                           |                            |                           |                           |                            |                           | 105                       |
| 110                       | 67.8                      | 390.7                      | 19,700*                   | 69.3                      | 392.7                      | 23,000*                   |                           |                            |                           |                           |                            |                           | 110                       |
| 115                       | 66.5                      | 388.5                      | 19,500*                   | 68.0                      | 390.6                      | 22,800*                   |                           |                            |                           |                           |                            |                           | 115                       |
| 120                       | 65.2                      | 386.1                      | 19,300*                   | 66.7                      | 388.4                      | 22,700*                   | 68.8                      | 391.1                      | 22,700*                   |                           |                            |                           | 120                       |
| 125                       | 63.9                      | 383.6                      | 19,100*                   | 65.4                      | 386.0                      | 22,500*                   | 67.6                      | 388.9                      | 22,700*                   |                           |                            |                           | 125                       |
| 130                       | 62.6                      | 381.0                      | 18,900*                   | 64.1                      | 383.5                      | 22,400*                   | 66.3                      | 386.7                      | 22,500*                   |                           |                            |                           | 130                       |
| 135                       | 61.2                      | 378.2                      | 18,100*                   | 62.7                      | 380.9                      | 21,600*                   | 64.9                      | 384.3                      | 21,700                    |                           |                            |                           | 135                       |
| 140                       | 59.9                      | 375.2                      | 17,300*                   | 61.4                      | 378.1                      | 20,700*                   | 63.6                      | 381.8                      | 20,300                    | 65.8                      | 384.5                      | 17,300                    | 140                       |
| 145                       | 58.5                      | 372.1                      | 16,500*                   | 60.0                      | 375.2                      | 19,900*                   | 62.3                      | 379.1                      | 19,000                    | 64.5                      | 382.1                      | 16,100                    | 145                       |
| 150                       | 57.0                      | 368.8                      | 15,700*                   | 58.6                      | 372.1                      | 19,000*                   | 60.9                      | 376.2                      | 17,800                    | 63.2                      | 379.5                      | 14,900                    | 150                       |
| 155                       | 55.6                      | 365.3                      | 14,900*                   | 57.2                      | 368.8                      | 18,200*                   | 59.5                      | 373.2                      | 16,700                    | 61.8                      | 376.7                      | 13,900                    | 155                       |
| 160                       | 54.1                      | 361.6                      | 14,200*                   | 55.8                      | 365.3                      | 17,300*                   | 58.1                      | 370.1                      | 15,600                    | 60.4                      | 373.8                      | 12,900                    | 160                       |
| 165                       | 52.6                      | 357.7                      | 13,500*                   | 54.3                      | 361.7                      | 16,500*                   | 56.7                      | 366.7                      | 14,600                    | 59.1                      | 370.8                      | 12,000                    | 165                       |
| 170                       | 51.1                      | 353.6                      | 12,900*                   | 52.8                      | 357.8                      | 15,700*                   | 55.3                      | 363.2                      | 13,700                    | 57.7                      | 367.6                      | 11,200                    | 170                       |
| 175                       | 49.6                      | 349.3                      | 12,200*                   | 51.3                      | 353.7                      | 15,000*                   | 53.8                      | 359.5                      | 12,800                    | 56.2                      | 364.2                      | 10,400                    | 175                       |
| 180                       | 48.0                      | 344.7                      | 11,600*                   | 49.7                      | 349.4                      | 14,300*                   | 52.3                      | 355.5                      | 12,000                    | 54.8                      | 360.6                      | 9,600                     | 180                       |
| 185                       | 46.3                      | 339.9                      | 11,000*                   | 48.1                      | 344.9                      | 13,500                    | 50.8                      | 351.4                      | 11,200                    | 53.3                      | 356.8                      | 8,900                     | 185                       |
| 190                       | 44.6                      | 334.7                      | 10,500*                   | 46.5                      | 340.1                      | 12,600                    | 49.2                      | 347.0                      | 10,400                    | 51.8                      | 352.8                      | 8,200                     | 190                       |
| 195                       | 42.9                      | 329.3                      | 10,000*                   | 44.8                      | 335.0                      | 11,900                    | 47.6                      | 342.4                      | 9,700                     | 50.2                      | 348.5                      | 7,600                     | 195                       |
| 200                       | 41.1                      | 323.5                      | 9,500*                    | 43.1                      | 329.6                      | 11,200                    | 45.9                      | 337.5                      | 9,100                     | 48.7                      | 344.1                      | 7,000                     | 200                       |
| 205                       | 39.2                      | 317.3                      | 9,000*                    | 41.3                      | 323.8                      | 10,500                    | 44.2                      | 332.3                      | 8,400                     | 47.0                      | 339.4                      | 6,400                     | 205                       |
| 210                       | 37.2                      | 310.7                      | 8,600*                    | 39.4                      | 317.7                      | 9,800                     | 42.5                      | 326.8                      | 7,800                     | 45.4                      | 334.4                      | 5,800                     | 210                       |
| 215                       | 35.2                      | 303.5                      | 8,200*                    | 37.5                      | 311.1                      | 9,200                     | 40.7                      | 320.9                      | 7,300                     | 43.6                      | 329.1                      | 5,300                     | 215                       |
| 220                       | 33.0                      | 295.8                      | 7,800*                    | 35.4                      | 304.0                      | 8,600                     | 38.8                      | 314.6                      | 6,700                     | 41.9                      | 323.4                      | 4,800                     | 220                       |
| 225                       | 30.7                      | 287.3                      | 7,500*                    | 33.2                      | 296.3                      | 8,000                     | 36.8                      | 307.9                      | 6,200                     | 40.0                      | 317.4                      | 4,300                     | 225                       |
| 230                       | 28.2                      | 278.0                      | 7,200*                    | 30.9                      | 288.0                      | 7,500                     | 34.7                      | 300.6                      | 5,700                     |                           |                            |                           | 230                       |
| 235                       | 25.4                      | 267.6                      | 6,900*                    | 28.5                      | 278.8                      | 6,900                     | 32.5                      | 292.7                      | 5,200                     |                           |                            |                           | 235                       |
| 240                       | 22.4                      | 255.6                      | 6,700*                    | 25.8                      | 268.5                      | 6,400                     | 30.1                      | 284.1                      | 4,700                     |                           |                            |                           | 240                       |
| 245                       | 18.8                      | 241.5                      | 6,500*                    | 22.8                      | 256.7                      | 5,900                     | 27.6                      | 274.5                      | 4,300                     |                           |                            |                           | 245                       |
| 250                       | 14.4                      | 223.3                      | 6,300*                    | 19.3                      | 242.9                      | 5,500                     |                           |                            |                           |                           |                            |                           | 250                       |
| 255                       | 7.3                       | 193.9                      | 6,000                     | 15.0                      | 225.3                      | 5,000                     |                           |                            |                           |                           |                            |                           | 255                       |
| 260                       |                           |                            |                           | 8.5                       | 198.4                      | 4,500                     |                           |                            |                           |                           |                            |                           | 260                       |



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

New York City Code  
Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

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

### 160 Ft. Boom, 190 Ft. Luffing Jib, 60 Ft. Fixed Jib

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | 80 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 85                        | 74.8                      | 410.4                      | 19,400*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 85                        |
| 90                        | 73.6                      | 408.8                      | 19,300*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 72.4                      | 407.2                      | 19,200*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 71.2                      | 405.4                      | 19,000*                   | 72.5                      | 407.0                      | 22,200*                   |                           |                            |                           |                           |                            |                           | 100                       |
| 105                       | 70.0                      | 403.6                      | 18,900*                   | 71.3                      | 405.3                      | 22,100*                   |                           |                            |                           |                           |                            |                           | 105                       |
| 110                       | 68.8                      | 401.6                      | 18,800*                   | 70.1                      | 403.4                      | 22,000*                   |                           |                            |                           |                           |                            |                           | 110                       |
| 115                       | 67.5                      | 399.4                      | 18,600*                   | 68.9                      | 401.4                      | 21,800*                   |                           |                            |                           |                           |                            |                           | 115                       |
| 120                       | 66.3                      | 397.2                      | 18,500*                   | 67.7                      | 399.3                      | 21,700*                   | 69.7                      | 401.8                      | 21,700*                   |                           |                            |                           | 120                       |
| 125                       | 65.0                      | 394.8                      | 18,300*                   | 66.4                      | 397.1                      | 21,600*                   | 68.5                      | 399.8                      | 21,600*                   |                           |                            |                           | 125                       |
| 130                       | 63.8                      | 392.3                      | 18,100*                   | 65.2                      | 394.7                      | 21,400*                   | 67.3                      | 397.7                      | 21,600*                   |                           |                            |                           | 130                       |
| 135                       | 62.5                      | 389.6                      | 17,600*                   | 63.9                      | 392.2                      | 20,900*                   | 66.0                      | 395.4                      | 21,300                    |                           |                            |                           | 135                       |
| 140                       | 61.2                      | 386.8                      | 16,800*                   | 62.6                      | 389.6                      | 20,100*                   | 64.8                      | 393.0                      | 19,900                    | 66.8                      | 395.5                      | 16,800                    | 140                       |
| 145                       | 59.9                      | 383.8                      | 16,100*                   | 61.3                      | 386.8                      | 19,300*                   | 63.5                      | 390.4                      | 18,600                    | 65.6                      | 393.2                      | 15,600                    | 145                       |
| 150                       | 58.5                      | 380.7                      | 15,400*                   | 60.0                      | 383.8                      | 18,500*                   | 62.2                      | 387.7                      | 17,400                    | 64.3                      | 390.7                      | 14,500                    | 150                       |
| 155                       | 57.2                      | 377.4                      | 14,700*                   | 58.7                      | 380.7                      | 17,800*                   | 60.9                      | 384.9                      | 16,200                    | 63.0                      | 388.1                      | 13,500                    | 155                       |
| 160                       | 55.8                      | 374.0                      | 14,000*                   | 57.3                      | 377.5                      | 17,000*                   | 59.6                      | 381.9                      | 15,200                    | 61.7                      | 385.4                      | 12,500                    | 160                       |
| 165                       | 54.4                      | 370.3                      | 13,300*                   | 55.9                      | 374.0                      | 16,300*                   | 58.2                      | 378.7                      | 14,200                    | 60.4                      | 382.5                      | 11,600                    | 165                       |
| 170                       | 53.0                      | 366.5                      | 12,700*                   | 54.5                      | 370.4                      | 15,500*                   | 56.9                      | 375.4                      | 13,200                    | 59.1                      | 379.5                      | 10,700                    | 170                       |
| 175                       | 51.5                      | 362.5                      | 12,100*                   | 53.1                      | 366.6                      | 14,800*                   | 55.5                      | 371.9                      | 12,400                    | 57.8                      | 376.2                      | 9,900                     | 175                       |
| 180                       | 50.0                      | 358.2                      | 11,500*                   | 51.7                      | 362.6                      | 13,900                    | 54.1                      | 368.2                      | 11,500                    | 56.4                      | 372.9                      | 9,200                     | 180                       |
| 185                       | 48.5                      | 353.7                      | 11,000*                   | 50.2                      | 358.3                      | 13,000                    | 52.6                      | 364.3                      | 10,700                    | 55.0                      | 369.3                      | 8,500                     | 185                       |
| 190                       | 46.9                      | 349.0                      | 10,500*                   | 48.7                      | 353.9                      | 12,200                    | 51.2                      | 360.3                      | 10,000                    | 53.6                      | 365.5                      | 7,800                     | 190                       |
| 195                       | 45.3                      | 344.0                      | 10,000*                   | 47.1                      | 349.2                      | 11,500                    | 49.7                      | 356.0                      | 9,300                     | 52.1                      | 361.6                      | 7,200                     | 195                       |
| 200                       | 43.7                      | 338.7                      | 9,500*                    | 45.5                      | 344.2                      | 10,700                    | 48.1                      | 351.4                      | 8,600                     | 50.7                      | 357.4                      | 6,600                     | 200                       |
| 205                       | 42.0                      | 333.1                      | 9,000*                    | 43.9                      | 338.9                      | 10,100                    | 46.6                      | 346.6                      | 8,000                     | 49.1                      | 353.0                      | 6,000                     | 205                       |
| 210                       | 40.2                      | 327.1                      | 8,600*                    | 42.2                      | 333.3                      | 9,400                     | 45.0                      | 341.5                      | 7,400                     | 47.6                      | 348.4                      | 5,400                     | 210                       |
| 215                       | 38.4                      | 320.7                      | 8,200*                    | 40.4                      | 327.4                      | 8,800                     | 43.3                      | 336.2                      | 6,800                     | 46.0                      | 343.5                      | 4,900                     | 215                       |
| 220                       | 36.4                      | 313.9                      | 7,900*                    | 38.6                      | 321.1                      | 8,200                     | 41.6                      | 330.5                      | 6,300                     | 44.4                      | 338.4                      | 4,400                     | 220                       |
| 225                       | 34.4                      | 306.5                      | 7,500*                    | 36.7                      | 314.3                      | 7,600                     | 39.8                      | 324.4                      | 5,800                     |                           |                            |                           | 225                       |
| 230                       | 32.3                      | 298.6                      | 7,200*                    | 34.7                      | 307.0                      | 7,100                     | 37.9                      | 318.0                      | 5,300                     |                           |                            |                           | 230                       |
| 235                       | 30.0                      | 289.9                      | 6,900*                    | 32.5                      | 299.2                      | 6,500                     | 36.0                      | 311.0                      | 4,800                     |                           |                            |                           | 235                       |
| 240                       | 27.6                      | 280.4                      | 6,600*                    | 30.3                      | 290.6                      | 6,000                     | 34.0                      | 303.6                      | 4,300                     |                           |                            |                           | 240                       |
| 245                       | 24.9                      | 269.7                      | 6,400*                    | 27.9                      | 281.2                      | 5,600                     |                           |                            |                           |                           |                            |                           | 245                       |
| 250                       | 21.9                      | 257.5                      | 6,200*                    | 25.2                      | 270.6                      | 5,100                     |                           |                            |                           |                           |                            |                           | 250                       |
| 255                       | 18.4                      | 243.0                      | 5,700                     | 22.3                      | 258.6                      | 4,600                     |                           |                            |                           |                           |                            |                           | 255                       |
| 260                       | 14.1                      | 224.4                      | 5,300                     | 18.9                      | 244.4                      | 4,200                     |                           |                            |                           |                           |                            |                           | 260                       |
| 265                       | 7.2                       | 194.4                      | 4,800                     |                           |                            |                           |                           |                            |                           |                           |                            |                           | 265                       |



# Liftcrane Fixed Jib Capacities

**999 SERIES 2**

New York City Code  
 Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82

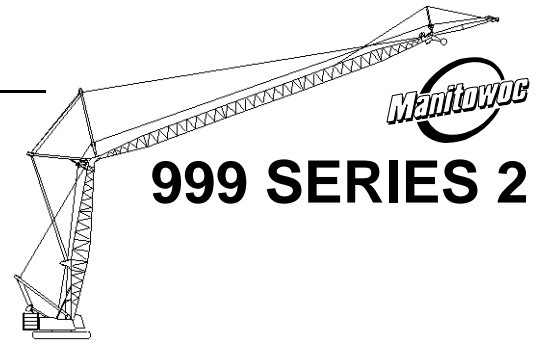
Designed And Tested  
 With The Intent To  
 Be In The Scope of  
 ANSI B30.5

184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

## 160 Ft. Boom, 200 Ft. Luffing Jib, 60 Ft. Fixed Jib

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 90                        | 74.2                      | 419.3                      | 18,200*                   |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 73.1                      | 417.7                      | 18,100*                   |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 71.9                      | 416.0                      | 18,000*                   |                           |                            |                           |                           |                            |                           | 100                       |
| 105                       | 70.8                      | 414.3                      | 17,900*                   | 72.1                      | 415.9                      | 20,900*                   |                           |                            |                           | 105                       |
| 110                       | 69.6                      | 412.3                      | 17,800*                   | 70.9                      | 414.1                      | 20,800*                   |                           |                            |                           | 110                       |
| 115                       | 68.4                      | 410.3                      | 17,600*                   | 69.7                      | 412.2                      | 20,700*                   |                           |                            |                           | 115                       |
| 120                       | 67.3                      | 408.2                      | 17,500*                   | 68.6                      | 410.2                      | 20,600*                   |                           |                            |                           | 120                       |
| 125                       | 66.1                      | 405.9                      | 17,400*                   | 67.4                      | 408.0                      | 20,500*                   | 69.4                      | 410.6                      | 20,500*                   | 125                       |
| 130                       | 64.8                      | 403.5                      | 17,200*                   | 66.2                      | 405.8                      | 20,400*                   | 68.2                      | 408.6                      | 20,400*                   | 130                       |
| 135                       | 63.6                      | 401.0                      | 17,000*                   | 65.0                      | 403.4                      | 20,100*                   | 67.0                      | 406.4                      | 20,400*                   | 135                       |
| 140                       | 62.4                      | 398.3                      | 16,300*                   | 63.8                      | 400.9                      | 19,400*                   | 65.8                      | 404.1                      | 19,300                    | 140                       |
| 145                       | 61.1                      | 395.5                      | 15,600*                   | 62.5                      | 398.2                      | 18,700*                   | 64.6                      | 401.6                      | 18,000                    | 145                       |
| 150                       | 59.9                      | 392.5                      | 15,000*                   | 61.3                      | 395.4                      | 18,000*                   | 63.3                      | 399.1                      | 16,800                    | 150                       |
| 155                       | 58.6                      | 389.4                      | 14,300*                   | 60.0                      | 392.5                      | 17,200*                   | 62.1                      | 396.4                      | 15,700                    | 155                       |
| 160                       | 57.3                      | 386.1                      | 13,700*                   | 58.7                      | 389.4                      | 16,600*                   | 60.9                      | 393.5                      | 14,600                    | 160                       |
| 165                       | 56.0                      | 382.7                      | 13,100*                   | 57.4                      | 386.1                      | 15,900*                   | 59.6                      | 390.5                      | 13,600                    | 165                       |
| 170                       | 54.6                      | 379.1                      | 12,500*                   | 56.1                      | 382.7                      | 15,200*                   | 58.3                      | 387.4                      | 12,700                    | 170                       |
| 175                       | 53.2                      | 375.3                      | 11,900*                   | 54.8                      | 379.1                      | 14,300                    | 57.0                      | 384.1                      | 11,800                    | 175                       |
| 180                       | 51.8                      | 371.3                      | 11,400*                   | 53.4                      | 375.4                      | 13,400                    | 55.7                      | 380.6                      | 11,000                    | 180                       |
| 185                       | 50.4                      | 367.1                      | 10,900*                   | 52.0                      | 371.4                      | 12,500                    | 54.3                      | 377.0                      | 10,200                    | 185                       |
| 190                       | 49.0                      | 362.7                      | 10,400*                   | 50.6                      | 367.2                      | 11,700                    | 52.9                      | 373.1                      | 9,400                     | 190                       |
| 195                       | 47.5                      | 358.0                      | 9,900*                    | 49.1                      | 362.8                      | 10,900                    | 51.5                      | 369.1                      | 8,800                     | 195                       |
| 200                       | 45.9                      | 353.2                      | 9,400*                    | 47.6                      | 358.2                      | 10,200                    | 50.1                      | 364.9                      | 8,100                     | 200                       |
| 205                       | 44.4                      | 348.0                      | 9,000*                    | 46.1                      | 353.4                      | 9,500                     | 48.6                      | 360.4                      | 7,500                     | 205                       |
| 210                       | 42.8                      | 342.5                      | 8,600*                    | 44.6                      | 348.2                      | 8,900                     | 47.1                      | 355.7                      | 6,900                     | 210                       |
| 215                       | 41.1                      | 336.7                      | 8,200*                    | 43.0                      | 342.8                      | 8,300                     | 45.6                      | 350.7                      | 6,300                     | 215                       |
| 220                       | 39.4                      | 330.6                      | 7,800*                    | 41.3                      | 337.0                      | 7,700                     | 44.0                      | 345.5                      | 5,700                     | 220                       |
| 225                       | 37.6                      | 324.0                      | 7,500*                    | 39.6                      | 330.9                      | 7,100                     | 42.4                      | 340.0                      | 5,200                     | 225                       |
| 230                       | 35.7                      | 317.0                      | 7,200*                    | 37.8                      | 324.4                      | 6,600                     | 40.7                      | 334.1                      | 4,700                     | 230                       |
| 235                       | 33.7                      | 309.5                      | 6,900*                    | 35.9                      | 317.5                      | 6,000                     | 39.0                      | 327.9                      | 4,200                     | 235                       |
| 240                       | 31.6                      | 301.4                      | 6,600*                    | 33.9                      | 310.0                      | 5,500                     |                           |                            |                           | 240                       |
| 245                       | 29.4                      | 292.5                      | 6,200                     | 31.9                      | 302.0                      | 5,100                     |                           |                            |                           | 245                       |
| 250                       | 27.0                      | 282.7                      | 5,700                     | 29.7                      | 293.2                      | 4,600                     |                           |                            |                           | 250                       |
| 255                       | 24.4                      | 271.8                      | 5,200                     | 27.3                      | 283.5                      | 4,100                     |                           |                            |                           | 255                       |
| 260                       | 21.5                      | 259.3                      | 4,800                     |                           |                            |                           |                           |                            |                           | 260                       |
| 265                       | 18.0                      | 244.5                      | 4,300                     |                           |                            |                           |                           |                            |                           | 265                       |





# Liftcrane Fixed Jib Capacities

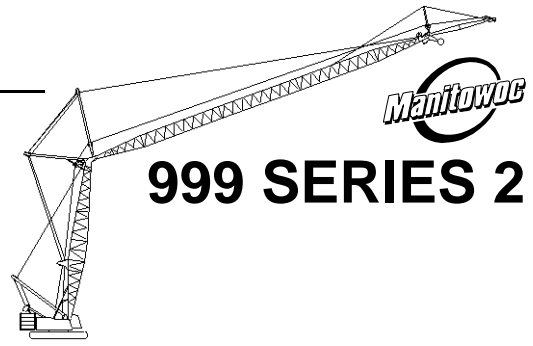
New York City Code  
Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

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

## 999 SERIES 2

### 160 Ft. Boom, 210 Ft. Luffing Jib, 60 Ft. Fixed Jib

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |
| 90                        | 74.8                      | 429.7                      | 17,200*                   |                           |                            |                           |
| 95                        | 73.7                      | 428.2                      | 17,100*                   |                           |                            |                           |
| 100                       | 72.6                      | 426.6                      | 17,000*                   |                           |                            |                           |
| 105                       | 71.5                      | 424.9                      | 16,900*                   | 72.8                      | 426.4                      | 19,700*                   |
| 110                       | 70.4                      | 423.1                      | 16,800*                   | 71.6                      | 424.7                      | 19,600*                   |
| 115                       | 69.3                      | 421.1                      | 16,600*                   | 70.5                      | 422.9                      | 19,500*                   |
| 120                       | 68.1                      | 419.1                      | 16,500*                   | 69.4                      | 421.0                      | 19,400*                   |
| 125                       | 67.0                      | 416.9                      | 16,400*                   | 68.3                      | 418.9                      | 19,300*                   |
| 130                       | 65.8                      | 414.6                      | 16,200*                   | 67.1                      | 416.8                      | 19,200*                   |
| 135                       | 64.7                      | 412.2                      | 16,100*                   | 66.0                      | 414.5                      | 19,100*                   |
| 140                       | 63.5                      | 409.6                      | 15,800*                   | 64.8                      | 412.1                      | 18,600*                   |
| 145                       | 62.3                      | 406.9                      | 15,100*                   | 63.6                      | 409.5                      | 18,000*                   |
| 150                       | 61.1                      | 404.1                      | 14,500*                   | 62.4                      | 406.9                      | 17,300*                   |
| 155                       | 59.9                      | 401.2                      | 13,900*                   | 61.2                      | 404.1                      | 16,700*                   |
| 160                       | 58.6                      | 398.1                      | 13,300*                   | 60.0                      | 401.1                      | 16,100*                   |
| 165                       | 57.4                      | 394.8                      | 12,800*                   | 58.8                      | 398.1                      | 15,500*                   |
| 170                       | 56.1                      | 391.4                      | 12,200*                   | 57.5                      | 394.8                      | 14,700                    |
| 175                       | 54.8                      | 387.8                      | 11,700*                   | 56.3                      | 391.4                      | 13,700                    |
| 180                       | 53.5                      | 384.1                      | 11,200*                   | 55.0                      | 387.9                      | 12,900                    |
| 185                       | 52.2                      | 380.1                      | 10,700*                   | 53.7                      | 384.1                      | 12,000                    |
| 190                       | 50.8                      | 376.0                      | 10,200*                   | 52.3                      | 380.2                      | 11,200                    |
| 195                       | 49.4                      | 371.6                      | 9,800*                    | 51.0                      | 376.1                      | 10,400                    |
| 200                       | 48.0                      | 367.1                      | 9,300*                    | 49.6                      | 371.8                      | 9,700                     |
| 205                       | 46.5                      | 362.3                      | 8,900*                    | 48.1                      | 367.2                      | 9,000                     |
| 210                       | 45.0                      | 357.2                      | 8,500*                    | 46.7                      | 362.5                      | 8,400                     |
| 215                       | 43.5                      | 351.9                      | 8,200*                    | 45.2                      | 357.5                      | 7,800                     |
| 220                       | 41.9                      | 346.3                      | 7,800*                    | 43.7                      | 352.2                      | 7,200                     |
| 225                       | 40.3                      | 340.3                      | 7,400*                    | 42.1                      | 346.6                      | 6,600                     |
| 230                       | 38.6                      | 334.0                      | 7,100*                    | 40.5                      | 340.7                      | 6,100                     |
| 235                       | 36.8                      | 327.3                      | 6,800*                    | 38.8                      | 334.4                      | 5,500                     |
| 240                       | 35.0                      | 320.1                      | 6,200                     | 37.0                      | 327.7                      | 5,100                     |
| 245                       | 33.1                      | 312.4                      | 5,700                     | 35.2                      | 320.6                      | 4,600                     |
| 250                       | 31.0                      | 304.1                      | 5,200                     | 33.3                      | 312.9                      | 4,100                     |
| 255                       | 28.8                      | 295.0                      | 4,800                     |                           |                            |                           |
| 260                       | 26.5                      | 285.0                      | 4,300                     |                           |                            |                           |



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

New York City Code  
 Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82

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

184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

### 160 Ft. Boom, 170 Ft. Luffing Jib, 70 Ft. Fixed Jib

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | 80 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 85                        | 74.0                      | 400.0                      | 17,100*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 85                        |
| 90                        | 72.8                      | 398.4                      | 17,000*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 71.5                      | 396.7                      | 16,800*                   | 72.9                      | 398.2                      | 19,500*                   |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 70.3                      | 394.8                      | 16,600*                   | 71.7                      | 396.5                      | 19,300*                   |                           |                            |                           |                           |                            |                           | 100                       |
| 105                       | 69.0                      | 392.9                      | 16,400*                   | 70.4                      | 394.7                      | 19,100*                   |                           |                            |                           |                           |                            |                           | 105                       |
| 110                       | 67.7                      | 390.8                      | 16,200*                   | 69.2                      | 392.7                      | 18,900*                   |                           |                            |                           |                           |                            |                           | 110                       |
| 115                       | 66.4                      | 388.6                      | 16,000*                   | 67.9                      | 390.7                      | 18,700*                   |                           |                            |                           |                           |                            |                           | 115                       |
| 120                       | 65.1                      | 386.2                      | 16,000*                   | 66.6                      | 388.5                      | 18,400*                   | 68.7                      | 391.1                      | 18,500*                   |                           |                            |                           | 120                       |
| 125                       | 63.8                      | 383.7                      | 15,600*                   | 65.3                      | 386.1                      | 18,200*                   | 67.4                      | 389.0                      | 18,400*                   |                           |                            |                           | 125                       |
| 130                       | 62.5                      | 381.0                      | 15,500*                   | 64.0                      | 383.6                      | 18,000*                   | 66.1                      | 386.8                      | 18,200*                   |                           |                            |                           | 130                       |
| 135                       | 61.1                      | 378.2                      | 15,300*                   | 62.6                      | 381.0                      | 17,800*                   | 64.8                      | 384.4                      | 18,000*                   |                           |                            |                           | 135                       |
| 140                       | 59.7                      | 375.3                      | 15,100*                   | 61.3                      | 378.2                      | 17,600*                   | 63.5                      | 381.8                      | 17,800*                   | 65.7                      | 384.6                      | 17,800*                   | 140                       |
| 145                       | 58.4                      | 372.1                      | 14,900*                   | 59.9                      | 375.2                      | 17,400*                   | 62.2                      | 379.1                      | 17,500*                   | 64.4                      | 382.1                      | 16,900                    | 145                       |
| 150                       | 56.9                      | 368.8                      | 14,700*                   | 58.5                      | 372.1                      | 17,200*                   | 60.8                      | 376.3                      | 17,300*                   | 63.1                      | 379.6                      | 15,700                    | 150                       |
| 155                       | 55.5                      | 365.4                      | 14,600*                   | 57.1                      | 368.9                      | 17,000*                   | 59.4                      | 373.3                      | 17,100*                   | 61.7                      | 376.8                      | 14,700                    | 155                       |
| 160                       | 54.0                      | 361.7                      | 14,000*                   | 55.7                      | 365.4                      | 16,800*                   | 58.0                      | 370.1                      | 16,400                    | 60.3                      | 373.9                      | 13,700                    | 160                       |
| 165                       | 52.5                      | 357.8                      | 13,300*                   | 54.2                      | 361.7                      | 16,200*                   | 56.6                      | 366.8                      | 15,400                    | 59.0                      | 370.9                      | 12,800                    | 165                       |
| 170                       | 51.0                      | 353.7                      | 12,600*                   | 52.7                      | 357.9                      | 15,400*                   | 55.2                      | 363.3                      | 14,500                    | 57.6                      | 367.6                      | 12,000                    | 170                       |
| 175                       | 49.5                      | 349.4                      | 12,000*                   | 51.2                      | 353.8                      | 14,700*                   | 53.7                      | 359.6                      | 13,600                    | 56.1                      | 364.2                      | 11,200                    | 175                       |
| 180                       | 47.9                      | 344.8                      | 11,400*                   | 49.6                      | 349.5                      | 14,000*                   | 52.2                      | 355.6                      | 12,800                    | 54.7                      | 360.7                      | 10,400                    | 180                       |
| 185                       | 46.2                      | 340.0                      | 10,800*                   | 48.0                      | 345.0                      | 13,300*                   | 50.7                      | 351.5                      | 12,000                    | 53.2                      | 356.9                      | 9,700                     | 185                       |
| 190                       | 44.5                      | 334.8                      | 10,300*                   | 46.4                      | 340.2                      | 12,600*                   | 49.1                      | 347.1                      | 11,200                    | 51.7                      | 352.9                      | 9,000                     | 190                       |
| 195                       | 42.8                      | 329.4                      | 9,800*                    | 44.7                      | 335.1                      | 12,000*                   | 47.5                      | 342.5                      | 10,500                    | 50.1                      | 348.6                      | 8,400                     | 195                       |
| 200                       | 41.0                      | 323.6                      | 9,300*                    | 43.0                      | 329.7                      | 11,400*                   | 45.8                      | 337.6                      | 9,900                     | 48.6                      | 344.2                      | 7,800                     | 200                       |
| 205                       | 39.1                      | 317.4                      | 8,800*                    | 41.2                      | 323.9                      | 10,800*                   | 44.1                      | 332.4                      | 9,200                     | 46.9                      | 339.5                      | 7,200                     | 205                       |
| 210                       | 37.1                      | 310.8                      | 8,400*                    | 39.3                      | 317.8                      | 10,200*                   | 42.4                      | 326.9                      | 8,600                     | 45.3                      | 334.5                      | 6,700                     | 210                       |
| 215                       | 35.1                      | 303.7                      | 8,000*                    | 37.4                      | 311.2                      | 9,700*                    | 40.6                      | 321.0                      | 8,100                     | 43.5                      | 329.2                      | 6,100                     | 215                       |
| 220                       | 32.9                      | 295.9                      | 7,600*                    | 35.3                      | 304.1                      | 9,200*                    | 38.7                      | 314.7                      | 7,500                     | 41.8                      | 323.5                      | 5,600                     | 220                       |
| 225                       | 30.6                      | 287.5                      | 7,200*                    | 33.2                      | 296.5                      | 8,800*                    | 36.7                      | 308.0                      | 7,000                     | 39.9                      | 317.5                      | 5,200                     | 225                       |
| 230                       | 28.1                      | 278.2                      | 6,900*                    | 30.9                      | 288.1                      | 8,300                     | 34.6                      | 300.7                      | 6,500                     | 38.0                      | 311.1                      | 4,700                     | 230                       |
| 235                       | 25.4                      | 267.8                      | 6,600*                    | 28.4                      | 278.9                      | 7,800                     | 32.4                      | 292.8                      | 6,000                     | 36.0                      | 304.2                      | 4,300                     | 235                       |
| 240                       | 22.3                      | 255.8                      | 6,400*                    | 25.7                      | 268.7                      | 7,300                     | 30.1                      | 284.2                      | 5,500                     |                           |                            |                           | 240                       |
| 245                       | 18.8                      | 241.7                      | 6,200*                    | 22.7                      | 256.9                      | 6,800                     | 27.5                      | 274.7                      | 5,100                     |                           |                            |                           | 245                       |
| 250                       | 14.3                      | 223.6                      | 6,000*                    | 19.2                      | 243.1                      | 6,300                     | 24.7                      | 264.0                      | 4,700                     |                           |                            |                           | 250                       |
| 255                       | 7.4                       | 194.6                      | 6,000*                    | 14.9                      | 225.6                      | 5,800                     | 21.6                      | 251.7                      | 4,200                     |                           |                            |                           | 255                       |
| 260                       |                           |                            |                           | 8.5                       | 199.0                      | 5,300                     |                           |                            |                           |                           |                            |                           | 260                       |



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

New York City Code  
Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

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

### 160 Ft. Boom, 180 Ft. Luffing Jib, 70 Ft. Fixed Jib

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | 80 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 85                        | 74.7                      | 410.4                      | 16,600*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 85                        |
| 90                        | 73.5                      | 408.9                      | 16,500*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 72.3                      | 407.3                      | 16,400*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 71.1                      | 405.5                      | 16,200*                   | 72.4                      | 407.1                      | 18,800*                   |                           |                            |                           |                           |                            |                           | 100                       |
| 105                       | 69.9                      | 403.6                      | 16,000*                   | 71.2                      | 405.4                      | 18,700*                   |                           |                            |                           |                           |                            |                           | 105                       |
| 110                       | 68.7                      | 401.6                      | 15,800*                   | 70.0                      | 403.5                      | 18,500*                   |                           |                            |                           |                           |                            |                           | 110                       |
| 115                       | 67.4                      | 399.5                      | 15,700*                   | 68.8                      | 401.5                      | 18,300*                   |                           |                            |                           |                           |                            |                           | 115                       |
| 120                       | 66.2                      | 397.3                      | 15,500*                   | 67.6                      | 399.4                      | 18,100*                   | 69.6                      | 401.9                      | 18,200*                   |                           |                            |                           | 120                       |
| 125                       | 64.9                      | 394.9                      | 15,300*                   | 66.3                      | 397.2                      | 17,900*                   | 68.4                      | 399.9                      | 18,000*                   |                           |                            |                           | 125                       |
| 130                       | 63.7                      | 392.4                      | 15,200*                   | 65.1                      | 394.8                      | 17,700*                   | 67.2                      | 397.7                      | 17,800*                   |                           |                            |                           | 130                       |
| 135                       | 62.4                      | 389.7                      | 15,000*                   | 63.8                      | 392.3                      | 17,500*                   | 65.9                      | 395.5                      | 17,700*                   |                           |                            |                           | 135                       |
| 140                       | 61.1                      | 386.9                      | 14,900*                   | 62.5                      | 389.6                      | 17,300*                   | 64.7                      | 393.0                      | 17,500*                   | 66.7                      | 395.6                      | 17,400                    | 140                       |
| 145                       | 59.8                      | 383.9                      | 14,700*                   | 61.2                      | 386.9                      | 17,100*                   | 63.4                      | 390.5                      | 17,300*                   | 65.5                      | 393.3                      | 16,200                    | 145                       |
| 150                       | 58.4                      | 380.8                      | 14,600*                   | 59.9                      | 383.9                      | 16,900*                   | 62.1                      | 387.8                      | 17,100*                   | 64.2                      | 390.8                      | 15,100                    | 150                       |
| 155                       | 57.1                      | 377.5                      | 14,400*                   | 58.6                      | 380.8                      | 16,800*                   | 60.8                      | 385.0                      | 16,800                    | 62.9                      | 388.2                      | 14,000                    | 155                       |
| 160                       | 55.7                      | 374.1                      | 13,800*                   | 57.2                      | 377.5                      | 16,600*                   | 59.5                      | 382.0                      | 15,700                    | 61.6                      | 385.5                      | 13,100                    | 160                       |
| 165                       | 54.3                      | 370.4                      | 13,100*                   | 55.8                      | 374.1                      | 16,000*                   | 58.1                      | 378.8                      | 14,700                    | 60.3                      | 382.6                      | 12,100                    | 165                       |
| 170                       | 52.9                      | 366.6                      | 12,500*                   | 54.4                      | 370.5                      | 15,300*                   | 56.8                      | 375.5                      | 13,800                    | 59.0                      | 379.5                      | 11,300                    | 170                       |
| 175                       | 51.4                      | 362.6                      | 11,900*                   | 53.0                      | 366.7                      | 14,600*                   | 55.4                      | 372.0                      | 12,900                    | 57.7                      | 376.3                      | 10,500                    | 175                       |
| 180                       | 49.9                      | 358.3                      | 11,300*                   | 51.6                      | 362.7                      | 13,900*                   | 54.0                      | 368.3                      | 12,100                    | 56.3                      | 372.9                      | 9,800                     | 180                       |
| 185                       | 48.4                      | 353.8                      | 10,800*                   | 50.1                      | 358.4                      | 13,200*                   | 52.5                      | 364.4                      | 11,300                    | 54.9                      | 369.4                      | 9,000                     | 185                       |
| 190                       | 46.8                      | 349.1                      | 10,300*                   | 48.6                      | 354.0                      | 12,600*                   | 51.1                      | 360.3                      | 10,600                    | 53.5                      | 365.6                      | 8,400                     | 190                       |
| 195                       | 45.2                      | 344.1                      | 9,800*                    | 47.0                      | 349.3                      | 12,000*                   | 49.6                      | 356.0                      | 9,900                     | 52.0                      | 361.7                      | 7,700                     | 195                       |
| 200                       | 43.6                      | 338.8                      | 9,300*                    | 45.4                      | 344.3                      | 11,400*                   | 48.0                      | 351.5                      | 9,300                     | 50.6                      | 357.5                      | 7,100                     | 200                       |
| 205                       | 41.9                      | 333.2                      | 8,800*                    | 43.8                      | 339.0                      | 10,700                    | 46.5                      | 346.7                      | 8,600                     | 49.1                      | 353.1                      | 6,600                     | 205                       |
| 210                       | 40.1                      | 327.2                      | 8,400*                    | 42.1                      | 333.5                      | 10,000                    | 44.9                      | 341.6                      | 8,000                     | 47.5                      | 348.5                      | 6,000                     | 210                       |
| 215                       | 38.3                      | 320.8                      | 8,000*                    | 40.3                      | 327.5                      | 9,400                     | 43.2                      | 336.3                      | 7,500                     | 45.9                      | 343.6                      | 5,500                     | 215                       |
| 220                       | 36.3                      | 314.0                      | 7,600*                    | 38.5                      | 321.2                      | 8,800                     | 41.5                      | 330.6                      | 6,900                     | 44.3                      | 338.5                      | 5,000                     | 220                       |
| 225                       | 34.3                      | 306.7                      | 7,300*                    | 36.6                      | 314.4                      | 8,300                     | 39.7                      | 324.5                      | 6,400                     | 42.6                      | 333.0                      | 4,500                     | 225                       |
| 230                       | 32.2                      | 298.7                      | 7,000*                    | 34.6                      | 307.2                      | 7,700                     | 37.8                      | 318.1                      | 5,900                     | 40.9                      | 327.2                      | 4,100                     | 230                       |
| 235                       | 29.9                      | 290.1                      | 6,700*                    | 32.5                      | 299.3                      | 7,200                     | 35.9                      | 311.1                      | 5,400                     |                           |                            |                           | 235                       |
| 240                       | 27.5                      | 280.6                      | 6,400*                    | 30.2                      | 290.8                      | 6,700                     | 33.9                      | 303.7                      | 5,000                     |                           |                            |                           | 240                       |
| 245                       | 24.8                      | 269.9                      | 6,100*                    | 27.8                      | 281.3                      | 6,200                     | 31.7                      | 295.6                      | 4,500                     |                           |                            |                           | 245                       |
| 250                       | 21.8                      | 257.7                      | 5,900*                    | 25.2                      | 270.8                      | 5,700                     | 29.4                      | 286.8                      | 4,100                     |                           |                            |                           | 250                       |
| 255                       | 18.4                      | 243.2                      | 5,700*                    | 22.2                      | 258.8                      | 5,300                     |                           |                            |                           |                           |                            |                           | 255                       |
| 260                       | 14.0                      | 224.8                      | 5,600*                    | 18.8                      | 244.7                      | 4,800                     |                           |                            |                           |                           |                            |                           | 260                       |
| 265                       | 7.2                       | 195.1                      | 5,400                     | 14.6                      | 226.8                      | 4,400                     |                           |                            |                           |                           |                            |                           | 265                       |
| 270                       |                           |                            |                           | 8.3                       | 199.6                      | 4,000                     |                           |                            |                           |                           |                            |                           | 270                       |



# Liftcrane Fixed Jib Capacities

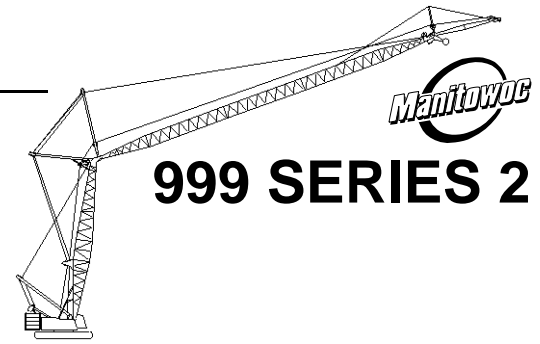
New York City Code  
 Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82  
 184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

## 999 SERIES 2

### 160 Ft. Boom, 190 Ft. Luffing Jib, 70 Ft. Fixed Jib

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 90                        | 74.1                      | 419.4                      | 16,000*                   |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 73.0                      | 417.8                      | 15,900*                   |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 71.8                      | 416.1                      | 15,700*                   |                           |                            |                           |                           |                            |                           | 100                       |
| 105                       | 70.7                      | 414.3                      | 15,600*                   | 72.0                      | 416.0                      | 18,100*                   |                           |                            |                           | 105                       |
| 110                       | 69.5                      | 412.4                      | 15,400*                   | 70.8                      | 414.2                      | 18,000*                   |                           |                            |                           | 110                       |
| 115                       | 68.3                      | 410.4                      | 15,300*                   | 69.6                      | 412.3                      | 17,800*                   |                           |                            |                           | 115                       |
| 120                       | 67.2                      | 408.2                      | 15,200*                   | 68.5                      | 410.3                      | 17,700*                   |                           |                            |                           | 120                       |
| 125                       | 66.0                      | 406.0                      | 15,000*                   | 67.3                      | 408.1                      | 17,500*                   | 69.3                      | 410.7                      | 17,600*                   | 125                       |
| 130                       | 64.7                      | 403.6                      | 14,800*                   | 66.1                      | 405.9                      | 17,300*                   | 68.1                      | 408.6                      | 17,400*                   | 130                       |
| 135                       | 63.5                      | 401.0                      | 14,700*                   | 64.9                      | 403.5                      | 17,200*                   | 66.9                      | 406.5                      | 17,300*                   | 135                       |
| 140                       | 62.3                      | 398.4                      | 14,500*                   | 63.7                      | 401.0                      | 17,000*                   | 65.7                      | 404.2                      | 17,100*                   | 140                       |
| 145                       | 61.0                      | 395.5                      | 14,400*                   | 62.4                      | 398.3                      | 16,800*                   | 64.5                      | 401.7                      | 16,900*                   | 145                       |
| 150                       | 59.8                      | 392.6                      | 14,300*                   | 61.2                      | 395.5                      | 16,600*                   | 63.3                      | 399.2                      | 16,800*                   | 150                       |
| 155                       | 58.5                      | 389.5                      | 14,200*                   | 59.9                      | 392.6                      | 16,500*                   | 62.0                      | 396.5                      | 16,400                    | 155                       |
| 160                       | 57.2                      | 386.2                      | 13,500*                   | 58.6                      | 389.5                      | 16,300*                   | 60.8                      | 393.6                      | 15,300                    | 160                       |
| 165                       | 55.9                      | 382.8                      | 12,900*                   | 57.3                      | 386.2                      | 15,700*                   | 59.5                      | 390.6                      | 14,300                    | 165                       |
| 170                       | 54.5                      | 379.2                      | 12,300*                   | 56.0                      | 382.8                      | 15,000*                   | 58.2                      | 387.5                      | 13,400                    | 170                       |
| 175                       | 53.1                      | 375.4                      | 11,800*                   | 54.7                      | 379.2                      | 14,400*                   | 56.9                      | 384.2                      | 12,500                    | 175                       |
| 180                       | 51.7                      | 371.4                      | 11,200*                   | 53.3                      | 375.4                      | 13,700*                   | 55.6                      | 380.7                      | 11,700                    | 180                       |
| 185                       | 50.3                      | 367.2                      | 10,700*                   | 51.9                      | 371.5                      | 13,100*                   | 54.2                      | 377.1                      | 10,900                    | 185                       |
| 190                       | 48.9                      | 362.8                      | 10,200*                   | 50.5                      | 367.3                      | 12,400                    | 52.8                      | 373.2                      | 10,200                    | 190                       |
| 195                       | 47.4                      | 358.1                      | 9,700*                    | 49.0                      | 362.9                      | 11,700                    | 51.4                      | 369.2                      | 9,500                     | 195                       |
| 200                       | 45.9                      | 353.3                      | 9,300*                    | 47.6                      | 358.3                      | 11,000                    | 50.0                      | 365.0                      | 8,800                     | 200                       |
| 205                       | 44.3                      | 348.1                      | 8,800*                    | 46.0                      | 353.5                      | 10,300                    | 48.5                      | 360.5                      | 8,200                     | 205                       |
| 210                       | 42.7                      | 342.6                      | 8,400*                    | 44.5                      | 348.3                      | 9,600                     | 47.1                      | 355.8                      | 7,600                     | 210                       |
| 215                       | 41.0                      | 336.8                      | 8,000*                    | 42.9                      | 342.9                      | 9,000                     | 45.5                      | 350.8                      | 7,000                     | 215                       |
| 220                       | 39.3                      | 330.7                      | 7,700*                    | 41.2                      | 337.1                      | 8,400                     | 43.9                      | 345.6                      | 6,500                     | 220                       |
| 225                       | 37.5                      | 324.1                      | 7,300*                    | 39.5                      | 331.0                      | 7,800                     | 42.3                      | 340.1                      | 6,000                     | 225                       |
| 230                       | 35.6                      | 317.1                      | 7,000*                    | 37.7                      | 324.6                      | 7,300                     | 40.6                      | 334.2                      | 5,500                     | 230                       |
| 235                       | 33.6                      | 309.6                      | 6,700*                    | 35.8                      | 317.6                      | 6,800                     | 38.9                      | 328.0                      | 5,000                     | 235                       |
| 240                       | 31.6                      | 301.5                      | 6,400*                    | 33.9                      | 310.1                      | 6,300                     | 37.1                      | 321.4                      | 4,500                     | 240                       |
| 245                       | 29.3                      | 292.6                      | 6,100*                    | 31.8                      | 302.1                      | 5,800                     | 35.2                      | 314.2                      | 4,100                     | 245                       |
| 250                       | 26.9                      | 282.9                      | 5,900*                    | 29.6                      | 293.3                      | 5,300                     |                           |                            |                           | 250                       |
| 255                       | 24.3                      | 272.0                      | 5,700*                    | 27.2                      | 283.7                      | 4,900                     |                           |                            |                           | 255                       |
| 260                       | 21.4                      | 259.5                      | 5,500*                    | 24.6                      | 272.9                      | 4,500                     |                           |                            |                           | 260                       |
| 265                       | 18.0                      | 244.7                      | 5,100                     | 21.8                      | 260.7                      | 4,000                     |                           |                            |                           | 265                       |
| 270                       | 13.7                      | 225.9                      | 4,700                     |                           |                            |                           |                           |                            |                           | 270                       |
| 275                       | 7.1                       | 195.6                      | 4,200                     |                           |                            |                           |                           |                            |                           | 275                       |



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

New York City Code  
 Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82  
 184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 160 Ft. Boom, 200 Ft. Luffing Jib, 70 Ft. Fixed Jib

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 90                        | 74.7                      | 429.8                      | 15,400*                   |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 73.6                      | 428.3                      | 15,300*                   |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 72.5                      | 426.7                      | 15,200*                   |                           |                            |                           |                           |                            |                           | 100                       |
| 105                       | 71.4                      | 425.0                      | 15,000*                   | 72.7                      | 426.5                      | 17,500*                   |                           |                            |                           | 105                       |
| 110                       | 70.3                      | 423.1                      | 14,900*                   | 71.5                      | 424.8                      | 17,300*                   |                           |                            |                           | 110                       |
| 115                       | 69.2                      | 421.2                      | 14,800*                   | 70.4                      | 423.0                      | 17,200*                   |                           |                            |                           | 115                       |
| 120                       | 68.0                      | 419.1                      | 14,700*                   | 69.3                      | 421.0                      | 17,100*                   |                           |                            |                           | 120                       |
| 125                       | 66.9                      | 417.0                      | 14,500*                   | 68.2                      | 419.0                      | 17,000*                   |                           |                            |                           | 125                       |
| 130                       | 65.7                      | 414.7                      | 14,400*                   | 67.0                      | 416.8                      | 16,800*                   | 68.9                      | 419.5                      | 16,900*                   | 130                       |
| 135                       | 64.6                      | 412.2                      | 14,300*                   | 65.9                      | 414.6                      | 16,700*                   | 67.8                      | 417.4                      | 16,700*                   | 135                       |
| 140                       | 63.4                      | 409.7                      | 14,100*                   | 64.7                      | 412.2                      | 16,500*                   | 66.6                      | 415.2                      | 16,600*                   | 140                       |
| 145                       | 62.2                      | 407.0                      | 14,000*                   | 63.5                      | 409.6                      | 16,400*                   | 65.5                      | 412.9                      | 16,500*                   | 145                       |
| 150                       | 61.0                      | 404.2                      | 13,900*                   | 62.3                      | 407.0                      | 16,200*                   | 64.3                      | 410.4                      | 16,300*                   | 150                       |
| 155                       | 59.8                      | 401.3                      | 13,800*                   | 61.1                      | 404.2                      | 16,100*                   | 63.1                      | 407.8                      | 15,800                    | 155                       |
| 160                       | 58.5                      | 398.2                      | 13,200*                   | 59.9                      | 401.2                      | 15,900*                   | 61.9                      | 405.1                      | 14,700                    | 160                       |
| 165                       | 57.3                      | 394.9                      | 12,600*                   | 58.7                      | 398.1                      | 15,200*                   | 60.7                      | 402.3                      | 13,700                    | 165                       |
| 170                       | 56.0                      | 391.5                      | 12,100*                   | 57.4                      | 394.9                      | 14,700*                   | 59.5                      | 399.3                      | 12,800                    | 170                       |
| 175                       | 54.7                      | 387.9                      | 11,600*                   | 56.2                      | 391.5                      | 14,100*                   | 58.3                      | 396.2                      | 11,900                    | 175                       |
| 180                       | 53.4                      | 384.1                      | 11,100*                   | 54.9                      | 388.0                      | 13,500*                   | 57.0                      | 392.9                      | 11,100                    | 180                       |
| 185                       | 52.1                      | 380.2                      | 10,600*                   | 53.6                      | 384.2                      | 12,700                    | 55.7                      | 389.4                      | 10,300                    | 185                       |
| 190                       | 50.7                      | 376.1                      | 10,100*                   | 52.2                      | 380.3                      | 11,900                    | 54.4                      | 385.8                      | 9,600                     | 190                       |
| 195                       | 49.3                      | 371.7                      | 9,600*                    | 50.9                      | 376.2                      | 11,100                    | 53.1                      | 382.0                      | 8,900                     | 195                       |
| 200                       | 47.9                      | 367.2                      | 9,200*                    | 49.5                      | 371.9                      | 10,400                    | 51.8                      | 378.0                      | 8,300                     | 200                       |
| 205                       | 46.4                      | 362.4                      | 8,800*                    | 48.1                      | 367.3                      | 9,700                     | 50.4                      | 373.8                      | 7,600                     | 205                       |
| 210                       | 44.9                      | 357.3                      | 8,400*                    | 46.6                      | 362.6                      | 9,100                     | 49.0                      | 369.5                      | 7,000                     | 210                       |
| 215                       | 43.4                      | 352.0                      | 8,000*                    | 45.1                      | 357.6                      | 8,500                     | 47.6                      | 364.9                      | 6,500                     | 215                       |
| 220                       | 41.8                      | 346.4                      | 7,600*                    | 43.6                      | 352.3                      | 7,900                     | 46.1                      | 360.0                      | 5,900                     | 220                       |
| 225                       | 40.2                      | 340.4                      | 7,300*                    | 42.0                      | 346.7                      | 7,300                     | 44.6                      | 354.9                      | 5,400                     | 225                       |
| 230                       | 38.5                      | 334.1                      | 7,000*                    | 40.4                      | 340.8                      | 6,800                     | 43.1                      | 349.5                      | 4,900                     | 230                       |
| 235                       | 36.7                      | 327.4                      | 6,700*                    | 38.7                      | 334.5                      | 6,300                     | 41.5                      | 343.8                      | 4,500                     | 235                       |
| 240                       | 34.9                      | 320.2                      | 6,400*                    | 37.0                      | 327.8                      | 5,800                     | 39.8                      | 337.8                      | 4,000                     | 240                       |
| 245                       | 33.0                      | 312.5                      | 6,100*                    | 35.1                      | 320.7                      | 5,300                     |                           |                            |                           | 245                       |
| 250                       | 30.9                      | 304.2                      | 5,900*                    | 33.2                      | 313.1                      | 4,800                     |                           |                            |                           | 250                       |
| 255                       | 28.8                      | 295.1                      | 5,500                     | 31.2                      | 304.8                      | 4,400                     |                           |                            |                           | 255                       |
| 260                       | 26.4                      | 285.2                      | 5,100                     | 29.0                      | 295.8                      | 4,000                     |                           |                            |                           | 260                       |
| 265                       | 23.9                      | 274.0                      | 4,600                     |                           |                            |                           |                           |                            |                           | 265                       |
| 270                       | 21.0                      | 261.3                      | 4,200                     |                           |                            |                           |                           |                            |                           | 270                       |



# Liftcrane Fixed Jib Capacities

**999 SERIES 2**

New York City Code  
 Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82

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

184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

## 160 Ft. Boom, 210 Ft. Luffing Jib, 70 Ft. Fixed Jib

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |
| 95                        | 74.2                      | 438.8                      | 14,600*                   |                           |                            |                           |
| 100                       | 73.2                      | 437.2                      | 14,500*                   |                           |                            |                           |
| 105                       | 72.1                      | 435.6                      | 14,400*                   |                           |                            |                           |
| 110                       | 71.0                      | 433.8                      | 14,300*                   | 72.2                      | 435.4                      | 16,600*                   |
| 115                       | 70.0                      | 431.9                      | 14,200*                   | 71.2                      | 433.6                      | 16,600*                   |
| 120                       | 68.9                      | 430.0                      | 14,100*                   | 70.1                      | 431.8                      | 16,400*                   |
| 125                       | 67.8                      | 427.9                      | 14,000*                   | 69.0                      | 429.8                      | 16,300*                   |
| 130                       | 66.7                      | 425.7                      | 13,900*                   | 67.9                      | 427.7                      | 16,200*                   |
| 135                       | 65.5                      | 423.4                      | 13,800*                   | 66.8                      | 425.6                      | 16,100*                   |
| 140                       | 64.4                      | 420.9                      | 13,600*                   | 65.7                      | 423.3                      | 16,000*                   |
| 145                       | 63.3                      | 418.4                      | 13,500*                   | 64.5                      | 420.8                      | 15,900*                   |
| 150                       | 62.1                      | 415.7                      | 13,400*                   | 63.4                      | 418.3                      | 15,800*                   |
| 155                       | 61.0                      | 412.9                      | 13,300*                   | 62.3                      | 415.6                      | 15,600*                   |
| 160                       | 59.8                      | 409.9                      | 12,800*                   | 61.1                      | 412.8                      | 15,300*                   |
| 165                       | 58.6                      | 406.8                      | 12,300*                   | 59.9                      | 409.9                      | 14,800*                   |
| 170                       | 57.4                      | 403.6                      | 11,800*                   | 58.7                      | 406.8                      | 14,300*                   |
| 175                       | 56.2                      | 400.2                      | 11,300*                   | 57.5                      | 403.6                      | 13,700*                   |
| 180                       | 54.9                      | 396.6                      | 10,900*                   | 56.3                      | 400.2                      | 13,000                    |
| 185                       | 53.7                      | 392.9                      | 10,400*                   | 55.1                      | 396.7                      | 12,200                    |
| 190                       | 52.4                      | 389.0                      | 9,900*                    | 53.8                      | 393.0                      | 11,400                    |
| 195                       | 51.1                      | 384.9                      | 9,500*                    | 52.5                      | 389.1                      | 10,600                    |
| 200                       | 49.7                      | 380.7                      | 9,100*                    | 51.2                      | 385.0                      | 9,900                     |
| 205                       | 48.4                      | 376.2                      | 8,700*                    | 49.9                      | 380.8                      | 9,200                     |
| 210                       | 47.0                      | 371.5                      | 8,300*                    | 48.5                      | 376.3                      | 8,600                     |
| 215                       | 45.5                      | 366.5                      | 8,000*                    | 47.1                      | 371.6                      | 8,000                     |
| 220                       | 44.1                      | 361.3                      | 7,600*                    | 45.7                      | 366.7                      | 7,400                     |
| 225                       | 42.6                      | 355.9                      | 7,300*                    | 44.3                      | 361.6                      | 6,800                     |
| 230                       | 41.0                      | 350.1                      | 6,900*                    | 42.8                      | 356.1                      | 6,300                     |
| 235                       | 39.4                      | 344.0                      | 6,600*                    | 41.2                      | 350.4                      | 5,800                     |
| 240                       | 37.8                      | 337.5                      | 6,400*                    | 39.6                      | 344.3                      | 5,300                     |
| 245                       | 36.1                      | 330.6                      | 6,000                     | 38.0                      | 337.9                      | 4,800                     |
| 250                       | 34.3                      | 323.2                      | 5,500                     | 36.3                      | 331.0                      | 4,400                     |
| 255                       | 32.4                      | 315.4                      | 5,000                     |                           |                            |                           |
| 260                       | 30.4                      | 306.8                      | 4,600                     |                           |                            |                           |
| 265                       | 28.2                      | 297.6                      | 4,200                     |                           |                            |                           |



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

New York City Code  
Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

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

### 160 Ft. Boom, 170 Ft. Luffing Jib, 80 Ft. Fixed Jib

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | 80 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 85                        | 74.4                      | 410.5                      | 13,600*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 85                        |
| 90                        | 73.2                      | 409.0                      | 13,500*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 72.0                      | 407.4                      | 13,300*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 70.8                      | 405.6                      | 13,100*                   | 72.2                      | 407.2                      | 15,300*                   |                           |                            |                           |                           |                            |                           | 100                       |
| 105                       | 69.6                      | 403.7                      | 12,900*                   | 71.0                      | 405.4                      | 15,100*                   |                           |                            |                           |                           |                            |                           | 105                       |
| 110                       | 68.4                      | 401.7                      | 12,800*                   | 69.8                      | 403.6                      | 14,900*                   |                           |                            |                           |                           |                            |                           | 110                       |
| 115                       | 67.2                      | 399.6                      | 12,600*                   | 68.5                      | 401.6                      | 14,700*                   |                           |                            |                           |                           |                            |                           | 115                       |
| 120                       | 65.9                      | 397.4                      | 12,400*                   | 67.3                      | 399.5                      | 14,500*                   | 69.4                      | 402.0                      | 14,600*                   |                           |                            |                           | 120                       |
| 125                       | 64.7                      | 395.0                      | 12,200*                   | 66.1                      | 397.2                      | 14,300*                   | 68.1                      | 400.0                      | 14,400*                   |                           |                            |                           | 125                       |
| 130                       | 63.4                      | 392.4                      | 12,000*                   | 64.8                      | 394.9                      | 14,300*                   | 66.9                      | 397.8                      | 14,200*                   |                           |                            |                           | 130                       |
| 135                       | 62.1                      | 389.8                      | 11,900*                   | 63.5                      | 392.4                      | 13,900*                   | 65.6                      | 395.5                      | 14,000*                   |                           |                            |                           | 135                       |
| 140                       | 60.8                      | 387.0                      | 11,700*                   | 62.3                      | 389.7                      | 13,700*                   | 64.4                      | 393.1                      | 13,800*                   | 66.5                      | 395.7                      | 13,900*                   | 140                       |
| 145                       | 59.5                      | 384.0                      | 11,600*                   | 61.0                      | 386.9                      | 13,500*                   | 63.1                      | 390.6                      | 13,600*                   | 65.2                      | 393.4                      | 13,800*                   | 145                       |
| 150                       | 58.2                      | 380.9                      | 11,400*                   | 59.7                      | 384.0                      | 13,300*                   | 61.8                      | 387.9                      | 13,500*                   | 64.0                      | 390.9                      | 13,600*                   | 150                       |
| 155                       | 56.8                      | 377.6                      | 11,200*                   | 58.3                      | 380.9                      | 13,100*                   | 60.5                      | 385.1                      | 13,300*                   | 62.7                      | 388.3                      | 13,400*                   | 155                       |
| 160                       | 55.4                      | 374.2                      | 11,100*                   | 57.0                      | 377.6                      | 12,900*                   | 59.2                      | 382.1                      | 13,100*                   | 61.4                      | 385.6                      | 13,200*                   | 160                       |
| 165                       | 54.0                      | 370.5                      | 10,900*                   | 55.6                      | 374.2                      | 12,700*                   | 57.9                      | 378.9                      | 12,900*                   | 60.1                      | 382.7                      | 12,700                    | 165                       |
| 170                       | 52.6                      | 366.7                      | 10,800*                   | 54.2                      | 370.6                      | 12,600*                   | 56.5                      | 375.6                      | 12,900*                   | 58.7                      | 379.6                      | 11,900                    | 170                       |
| 175                       | 51.1                      | 362.7                      | 10,700*                   | 52.8                      | 366.8                      | 12,400*                   | 55.1                      | 372.1                      | 12,600*                   | 57.4                      | 376.4                      | 11,100                    | 175                       |
| 180                       | 49.7                      | 358.4                      | 10,500*                   | 51.3                      | 362.8                      | 12,200*                   | 53.7                      | 368.4                      | 12,400*                   | 56.0                      | 373.0                      | 10,300                    | 180                       |
| 185                       | 48.1                      | 353.9                      | 10,400*                   | 49.8                      | 358.5                      | 12,100*                   | 52.3                      | 364.5                      | 11,900                    | 54.6                      | 369.5                      | 9,600                     | 185                       |
| 190                       | 46.6                      | 349.2                      | 10,000*                   | 48.3                      | 354.1                      | 11,900*                   | 50.8                      | 360.5                      | 11,200                    | 53.2                      | 365.7                      | 8,900                     | 190                       |
| 195                       | 45.0                      | 344.2                      | 9,500*                    | 46.8                      | 349.4                      | 11,700*                   | 49.3                      | 356.1                      | 10,500                    | 51.8                      | 361.8                      | 8,300                     | 195                       |
| 200                       | 43.3                      | 338.9                      | 9,000*                    | 45.2                      | 344.4                      | 11,100*                   | 47.8                      | 351.6                      | 9,800                     | 50.3                      | 357.6                      | 7,700                     | 200                       |
| 205                       | 41.6                      | 333.3                      | 8,600*                    | 43.5                      | 339.1                      | 10,600*                   | 46.2                      | 346.8                      | 9,200                     | 48.8                      | 353.2                      | 7,100                     | 205                       |
| 210                       | 39.9                      | 327.3                      | 8,200*                    | 41.8                      | 333.6                      | 10,000*                   | 44.6                      | 341.8                      | 8,600                     | 47.3                      | 348.6                      | 6,600                     | 210                       |
| 215                       | 38.0                      | 320.9                      | 7,800*                    | 40.1                      | 327.6                      | 9,500*                    | 43.0                      | 336.4                      | 8,000                     | 45.7                      | 343.7                      | 6,100                     | 215                       |
| 220                       | 36.1                      | 314.1                      | 7,400*                    | 38.2                      | 321.3                      | 9,100*                    | 41.2                      | 330.7                      | 7,500                     | 44.0                      | 338.6                      | 5,600                     | 220                       |
| 225                       | 34.1                      | 306.8                      | 7,000*                    | 36.3                      | 314.6                      | 8,600*                    | 39.5                      | 324.7                      | 7,000                     | 42.4                      | 333.1                      | 5,100                     | 225                       |
| 230                       | 32.0                      | 298.9                      | 6,700*                    | 34.3                      | 307.3                      | 8,200*                    | 37.6                      | 318.2                      | 6,500                     | 40.6                      | 327.3                      | 4,700                     | 230                       |
| 235                       | 29.7                      | 290.2                      | 6,400*                    | 32.2                      | 299.5                      | 7,800*                    | 35.7                      | 311.3                      | 6,000                     | 38.8                      | 321.1                      | 4,200                     | 235                       |
| 240                       | 27.3                      | 280.7                      | 6,100*                    | 30.0                      | 290.9                      | 7,300                     | 33.6                      | 303.8                      | 5,500                     |                           |                            |                           | 240                       |
| 245                       | 24.6                      | 270.1                      | 5,900*                    | 27.6                      | 281.5                      | 6,800                     | 31.5                      | 295.8                      | 5,100                     |                           |                            |                           | 245                       |
| 250                       | 21.6                      | 257.9                      | 5,600*                    | 24.9                      | 271.0                      | 6,300                     | 29.2                      | 286.9                      | 4,700                     |                           |                            |                           | 250                       |
| 255                       | 18.2                      | 243.5                      | 5,400*                    | 22.0                      | 259.0                      | 5,900                     | 26.7                      | 277.2                      | 4,300                     |                           |                            |                           | 255                       |
| 260                       | 13.8                      | 225.1                      | 5,300*                    | 18.6                      | 244.9                      | 5,500                     |                           |                            |                           |                           |                            |                           | 260                       |
| 265                       | 7.1                       | 195.8                      | 5,300*                    | 14.4                      | 227.1                      | 5,000                     |                           |                            |                           |                           |                            |                           | 265                       |
| 270                       |                           |                            |                           | 8.2                       | 200.2                      | 4,600                     |                           |                            |                           |                           |                            |                           | 270                       |



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

New York City Code  
 Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82

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

184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

### 160 Ft. Boom, 180 Ft. Luffing Jib, 80 Ft. Fixed Jib

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | 80 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 90                        | 73.9                      | 419.5                      | 13,200*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 72.7                      | 417.9                      | 13,100*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 71.6                      | 416.2                      | 12,900*                   | 72.9                      | 417.7                      | 15,000*                   |                           |                            |                           |                           |                            |                           | 100                       |
| 105                       | 70.4                      | 414.4                      | 12,700*                   | 71.7                      | 416.0                      | 14,800*                   |                           |                            |                           |                           |                            |                           | 105                       |
| 110                       | 69.3                      | 412.5                      | 12,600*                   | 70.6                      | 414.3                      | 14,700*                   |                           |                            |                           |                           |                            |                           | 110                       |
| 115                       | 68.1                      | 410.5                      | 12,400*                   | 69.4                      | 412.4                      | 14,400*                   |                           |                            |                           |                           |                            |                           | 115                       |
| 120                       | 66.9                      | 408.3                      | 12,200*                   | 68.2                      | 410.3                      | 14,300*                   |                           |                            |                           |                           |                            |                           | 120                       |
| 125                       | 65.7                      | 406.1                      | 12,100*                   | 67.0                      | 408.2                      | 14,100*                   | 69.0                      | 410.8                      | 14,200*                   |                           |                            |                           | 125                       |
| 130                       | 64.5                      | 403.7                      | 11,900*                   | 65.8                      | 406.0                      | 13,900*                   | 67.8                      | 408.7                      | 14,000*                   |                           |                            |                           | 130                       |
| 135                       | 63.3                      | 401.1                      | 11,800*                   | 64.6                      | 403.6                      | 13,700*                   | 66.6                      | 406.5                      | 13,900*                   |                           |                            |                           | 135                       |
| 140                       | 62.0                      | 398.5                      | 11,600*                   | 63.4                      | 401.0                      | 13,600*                   | 65.4                      | 404.2                      | 13,700*                   |                           |                            |                           | 140                       |
| 145                       | 60.8                      | 395.6                      | 11,500*                   | 62.2                      | 398.4                      | 13,400*                   | 64.2                      | 401.8                      | 13,500*                   | 66.2                      | 404.4                      | 13,700*                   | 145                       |
| 150                       | 59.5                      | 392.7                      | 11,300*                   | 60.9                      | 395.6                      | 13,200*                   | 63.0                      | 399.3                      | 13,300*                   | 65.0                      | 402.1                      | 13,400*                   | 150                       |
| 155                       | 58.2                      | 389.6                      | 11,200*                   | 59.7                      | 392.7                      | 13,000*                   | 61.8                      | 396.6                      | 13,200*                   | 63.8                      | 399.6                      | 13,300*                   | 155                       |
| 160                       | 56.9                      | 386.3                      | 11,000*                   | 58.4                      | 389.6                      | 12,900*                   | 60.5                      | 393.7                      | 13,000*                   | 62.6                      | 397.0                      | 12,900                    | 160                       |
| 165                       | 55.6                      | 382.9                      | 10,900*                   | 57.1                      | 386.3                      | 12,700*                   | 59.2                      | 390.7                      | 12,800*                   | 61.3                      | 394.2                      | 12,000                    | 165                       |
| 170                       | 54.3                      | 379.3                      | 10,800*                   | 55.8                      | 382.9                      | 12,500*                   | 58.0                      | 387.6                      | 12,700*                   | 60.1                      | 391.3                      | 11,200                    | 170                       |
| 175                       | 52.9                      | 375.5                      | 10,600*                   | 54.4                      | 379.3                      | 12,300*                   | 56.6                      | 384.3                      | 12,500*                   | 58.8                      | 388.3                      | 10,400                    | 175                       |
| 180                       | 51.5                      | 371.5                      | 10,500*                   | 53.1                      | 375.5                      | 12,200*                   | 55.3                      | 380.8                      | 12,000                    | 57.5                      | 385.1                      | 9,600                     | 180                       |
| 185                       | 50.1                      | 367.3                      | 10,400*                   | 51.7                      | 371.6                      | 12,000*                   | 54.0                      | 377.2                      | 11,300                    | 56.2                      | 381.7                      | 8,900                     | 185                       |
| 190                       | 48.6                      | 362.9                      | 10,000*                   | 50.2                      | 367.4                      | 12,000*                   | 52.6                      | 373.3                      | 10,500                    | 54.9                      | 378.2                      | 8,300                     | 190                       |
| 195                       | 47.1                      | 358.3                      | 9,500*                    | 48.8                      | 363.0                      | 11,700*                   | 51.2                      | 369.3                      | 9,800                     | 53.5                      | 374.5                      | 7,600                     | 195                       |
| 200                       | 45.6                      | 353.4                      | 9,000*                    | 47.3                      | 358.4                      | 11,100*                   | 49.8                      | 365.1                      | 9,200                     | 52.1                      | 370.6                      | 7,000                     | 200                       |
| 205                       | 44.0                      | 348.2                      | 8,600*                    | 45.8                      | 353.6                      | 10,600*                   | 48.3                      | 360.6                      | 8,600                     | 50.7                      | 366.5                      | 6,500                     | 205                       |
| 210                       | 42.4                      | 342.7                      | 8,200*                    | 44.2                      | 348.4                      | 10,000                    | 46.8                      | 355.9                      | 8,000                     | 49.3                      | 362.2                      | 5,900                     | 210                       |
| 215                       | 40.8                      | 337.0                      | 7,800*                    | 42.6                      | 343.0                      | 9,400                     | 45.3                      | 351.0                      | 7,400                     | 47.8                      | 357.7                      | 5,400                     | 215                       |
| 220                       | 39.0                      | 330.8                      | 7,400*                    | 41.0                      | 337.3                      | 8,800                     | 43.7                      | 345.7                      | 6,900                     | 46.3                      | 352.9                      | 4,900                     | 220                       |
| 225                       | 37.2                      | 324.3                      | 7,100*                    | 39.2                      | 331.2                      | 8,300                     | 42.1                      | 340.2                      | 6,400                     | 44.7                      | 347.8                      | 4,500                     | 225                       |
| 230                       | 35.4                      | 317.3                      | 6,800*                    | 37.5                      | 324.7                      | 7,700                     | 40.4                      | 334.4                      | 5,900                     | 43.1                      | 342.5                      | 4,000                     | 230                       |
| 235                       | 33.4                      | 309.8                      | 6,400*                    | 35.6                      | 317.7                      | 7,200                     | 38.7                      | 328.1                      | 5,400                     |                           |                            |                           | 235                       |
| 240                       | 31.3                      | 301.6                      | 6,200*                    | 33.6                      | 310.3                      | 6,700                     | 36.8                      | 321.5                      | 4,900                     |                           |                            |                           | 240                       |
| 245                       | 29.1                      | 292.8                      | 5,900*                    | 31.6                      | 302.2                      | 6,200                     | 34.9                      | 314.4                      | 4,500                     |                           |                            |                           | 245                       |
| 250                       | 26.7                      | 283.1                      | 5,600*                    | 29.4                      | 293.5                      | 5,800                     | 33.0                      | 306.7                      | 4,100                     |                           |                            |                           | 250                       |
| 255                       | 24.1                      | 272.2                      | 5,400*                    | 27.0                      | 283.9                      | 5,300                     |                           |                            |                           |                           |                            |                           | 255                       |
| 260                       | 21.2                      | 259.7                      | 5,200*                    | 24.4                      | 273.1                      | 4,900                     |                           |                            |                           |                           |                            |                           | 260                       |
| 265                       | 17.8                      | 245.0                      | 5,100*                    | 21.5                      | 260.9                      | 4,500                     |                           |                            |                           |                           |                            |                           | 265                       |
| 270                       | 13.6                      | 226.2                      | 5,000*                    | 18.2                      | 246.5                      | 4,100                     |                           |                            |                           |                           |                            |                           | 270                       |
| 275                       | 7.0                       | 196.4                      | 4,600                     |                           |                            |                           |                           |                            |                           |                           |                            |                           | 275                       |





# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

New York City Code  
 Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82  
 184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 160 Ft. Boom, 190 Ft. Luffing Jib, 80 Ft. Fixed Jib

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 90                        | 74.5                      | 429.9                      | 12,900*                   |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 73.4                      | 428.4                      | 12,800*                   |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 72.3                      | 426.8                      | 12,700*                   |                           |                            |                           |                           |                            |                           | 100                       |
| 105                       | 71.2                      | 425.0                      | 12,500*                   | 72.4                      | 426.6                      | 14,600*                   |                           |                            |                           | 105                       |
| 110                       | 70.1                      | 423.2                      | 12,400*                   | 71.3                      | 424.9                      | 14,400*                   |                           |                            |                           | 110                       |
| 115                       | 68.9                      | 421.3                      | 12,200*                   | 70.2                      | 423.1                      | 14,200*                   |                           |                            |                           | 115                       |
| 120                       | 67.8                      | 419.2                      | 12,000*                   | 69.1                      | 421.1                      | 14,100*                   |                           |                            |                           | 120                       |
| 125                       | 66.7                      | 417.0                      | 12,000*                   | 67.9                      | 419.1                      | 13,900*                   | 69.8                      | 421.5                      | 14,000*                   | 125                       |
| 130                       | 65.5                      | 414.8                      | 11,800*                   | 66.8                      | 416.9                      | 13,700*                   | 68.7                      | 419.5                      | 13,800*                   | 130                       |
| 135                       | 64.3                      | 412.3                      | 11,600*                   | 65.6                      | 414.7                      | 13,600*                   | 67.5                      | 417.5                      | 13,700*                   | 135                       |
| 140                       | 63.2                      | 409.8                      | 11,500*                   | 64.5                      | 412.2                      | 13,400*                   | 66.4                      | 415.3                      | 13,500*                   | 140                       |
| 145                       | 62.0                      | 407.1                      | 11,400*                   | 63.3                      | 409.7                      | 13,200*                   | 65.2                      | 412.9                      | 13,300*                   | 145                       |
| 150                       | 60.8                      | 404.3                      | 11,200*                   | 62.1                      | 407.1                      | 13,100*                   | 64.1                      | 410.5                      | 13,200*                   | 150                       |
| 155                       | 59.5                      | 401.3                      | 11,100*                   | 60.9                      | 404.3                      | 12,900*                   | 62.9                      | 407.9                      | 13,000*                   | 155                       |
| 160                       | 58.3                      | 398.2                      | 10,900*                   | 59.7                      | 401.3                      | 12,800*                   | 61.7                      | 405.2                      | 12,900*                   | 160                       |
| 165                       | 57.0                      | 395.0                      | 10,800*                   | 58.4                      | 398.2                      | 12,600*                   | 60.5                      | 402.4                      | 12,700*                   | 165                       |
| 170                       | 55.8                      | 391.6                      | 10,700*                   | 57.2                      | 395.0                      | 12,400*                   | 59.3                      | 399.4                      | 12,500*                   | 170                       |
| 175                       | 54.5                      | 388.0                      | 10,600*                   | 55.9                      | 391.6                      | 12,300*                   | 58.0                      | 396.3                      | 12,400*                   | 175                       |
| 180                       | 53.2                      | 384.2                      | 10,500*                   | 54.6                      | 388.1                      | 12,100*                   | 56.8                      | 393.0                      | 11,600                    | 180                       |
| 185                       | 51.8                      | 380.3                      | 10,300*                   | 53.3                      | 384.3                      | 12,000*                   | 55.5                      | 389.5                      | 10,800                    | 185                       |
| 190                       | 50.5                      | 376.2                      | 9,900*                    | 52.0                      | 380.4                      | 11,800*                   | 54.2                      | 385.9                      | 10,100                    | 190                       |
| 195                       | 49.1                      | 371.8                      | 9,500*                    | 50.6                      | 376.3                      | 11,600*                   | 52.9                      | 382.1                      | 9,400                     | 195                       |
| 200                       | 47.7                      | 367.3                      | 9,000*                    | 49.2                      | 372.0                      | 10,900                    | 51.5                      | 378.1                      | 8,800                     | 200                       |
| 205                       | 46.2                      | 362.5                      | 8,600*                    | 47.8                      | 367.4                      | 10,200                    | 50.2                      | 374.0                      | 8,100                     | 205                       |
| 210                       | 44.7                      | 357.4                      | 8,200*                    | 46.4                      | 362.7                      | 9,600                     | 48.8                      | 369.6                      | 7,500                     | 210                       |
| 215                       | 43.2                      | 352.1                      | 7,800*                    | 44.9                      | 357.7                      | 9,000                     | 47.3                      | 365.0                      | 7,000                     | 215                       |
| 220                       | 41.6                      | 346.5                      | 7,500*                    | 43.4                      | 352.4                      | 8,400                     | 45.9                      | 360.1                      | 6,400                     | 220                       |
| 225                       | 40.0                      | 340.6                      | 7,100*                    | 41.8                      | 346.8                      | 7,800                     | 44.4                      | 355.0                      | 5,900                     | 225                       |
| 230                       | 38.3                      | 334.3                      | 6,800*                    | 40.2                      | 340.9                      | 7,300                     | 42.8                      | 349.6                      | 5,400                     | 230                       |
| 235                       | 36.5                      | 327.5                      | 6,500*                    | 38.5                      | 334.6                      | 6,800                     | 41.2                      | 343.9                      | 5,000                     | 235                       |
| 240                       | 34.7                      | 320.4                      | 6,200*                    | 36.7                      | 328.0                      | 6,300                     | 39.6                      | 337.9                      | 4,500                     | 240                       |
| 245                       | 32.8                      | 312.7                      | 5,900*                    | 34.9                      | 320.8                      | 5,800                     | 37.9                      | 331.5                      | 4,100                     | 245                       |
| 250                       | 30.7                      | 304.4                      | 5,700*                    | 33.0                      | 313.2                      | 5,400                     |                           |                            |                           | 250                       |
| 255                       | 28.5                      | 295.3                      | 5,400*                    | 31.0                      | 305.0                      | 4,900                     |                           |                            |                           | 255                       |
| 260                       | 26.2                      | 285.3                      | 5,200*                    | 28.8                      | 296.0                      | 4,500                     |                           |                            |                           | 260                       |
| 265                       | 23.6                      | 274.2                      | 5,000*                    | 26.5                      | 286.2                      | 4,100                     |                           |                            |                           | 265                       |
| 270                       | 20.8                      | 261.5                      | 4,800                     |                           |                            |                           |                           |                            |                           | 270                       |
| 275                       | 17.4                      | 246.5                      | 4,400                     |                           |                            |                           |                           |                            |                           | 275                       |
| 280                       | 13.3                      | 227.3                      | 4,000                     |                           |                            |                           |                           |                            |                           | 280                       |



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

New York City Code  
Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

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

### 160 Ft. Boom, 200 Ft. Luffing Jib, 80 Ft. Fixed Jib

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |
| 95                        | 74.0                      | 438.8                      | 12,500*                   |                           |                            |                           |
| 100                       | 72.9                      | 437.3                      | 12,400*                   |                           |                            |                           |
| 105                       | 71.9                      | 435.6                      | 12,200*                   |                           |                            |                           |
| 110                       | 70.8                      | 433.9                      | 12,100*                   | 72.0                      | 435.5                      | 14,100*                   |
| 115                       | 69.7                      | 432.0                      | 12,000*                   | 70.9                      | 433.7                      | 13,900*                   |
| 120                       | 68.6                      | 430.0                      | 11,800*                   | 69.8                      | 431.9                      | 13,800*                   |
| 125                       | 67.5                      | 428.0                      | 11,700*                   | 68.8                      | 429.9                      | 13,600*                   |
| 130                       | 66.4                      | 425.8                      | 11,600*                   | 67.7                      | 427.8                      | 13,500*                   |
| 135                       | 65.3                      | 423.4                      | 11,400*                   | 66.6                      | 425.7                      | 13,300*                   |
| 140                       | 64.2                      | 421.0                      | 11,300*                   | 65.4                      | 423.4                      | 13,200*                   |
| 145                       | 63.0                      | 418.5                      | 11,200*                   | 64.3                      | 420.9                      | 13,000*                   |
| 150                       | 61.9                      | 415.8                      | 11,100*                   | 63.2                      | 418.4                      | 12,900*                   |
| 155                       | 60.7                      | 413.0                      | 10,900*                   | 62.0                      | 415.7                      | 12,700*                   |
| 160                       | 59.6                      | 410.0                      | 10,800*                   | 60.9                      | 412.9                      | 12,600*                   |
| 165                       | 58.4                      | 406.9                      | 10,700*                   | 59.7                      | 410.0                      | 12,400*                   |
| 170                       | 57.2                      | 403.7                      | 10,600*                   | 58.5                      | 406.9                      | 12,300*                   |
| 175                       | 55.9                      | 400.3                      | 10,500*                   | 57.3                      | 403.7                      | 12,200*                   |
| 180                       | 54.7                      | 396.7                      | 10,300*                   | 56.1                      | 400.3                      | 12,000*                   |
| 185                       | 53.4                      | 393.0                      | 10,200*                   | 54.8                      | 396.8                      | 11,900*                   |
| 190                       | 52.1                      | 389.1                      | 9,700*                    | 53.6                      | 393.1                      | 11,800*                   |
| 195                       | 50.8                      | 385.0                      | 9,300*                    | 52.3                      | 389.2                      | 11,100                    |
| 200                       | 49.5                      | 380.8                      | 8,900*                    | 51.0                      | 385.1                      | 10,400                    |
| 205                       | 48.1                      | 376.3                      | 8,500*                    | 49.7                      | 380.9                      | 9,700                     |
| 210                       | 46.7                      | 371.6                      | 8,100*                    | 48.3                      | 376.4                      | 9,100                     |
| 215                       | 45.3                      | 366.6                      | 7,800*                    | 46.9                      | 371.8                      | 8,400                     |
| 220                       | 43.9                      | 361.4                      | 7,400*                    | 45.5                      | 366.8                      | 7,900                     |
| 225                       | 42.4                      | 356.0                      | 7,100*                    | 44.0                      | 361.7                      | 7,300                     |
| 230                       | 40.8                      | 350.2                      | 6,800*                    | 42.5                      | 356.2                      | 6,800                     |
| 235                       | 39.2                      | 344.1                      | 6,500*                    | 41.0                      | 350.5                      | 6,300                     |
| 240                       | 37.6                      | 337.6                      | 6,200*                    | 39.4                      | 344.4                      | 5,800                     |
| 245                       | 35.8                      | 330.7                      | 5,900*                    | 37.8                      | 338.0                      | 5,300                     |
| 250                       | 34.0                      | 323.4                      | 5,700*                    | 36.0                      | 331.2                      | 4,800                     |
| 255                       | 32.1                      | 315.5                      | 5,400*                    | 34.2                      | 323.9                      | 4,400                     |
| 260                       | 30.1                      | 307.0                      | 5,100                     | 32.4                      | 316.1                      | 4,000                     |
| 265                       | 28.0                      | 297.8                      | 4,700                     |                           |                            |                           |
| 270                       | 25.7                      | 287.6                      | 4,300                     |                           |                            |                           |



# Liftcrane Fixed Jib Capacities

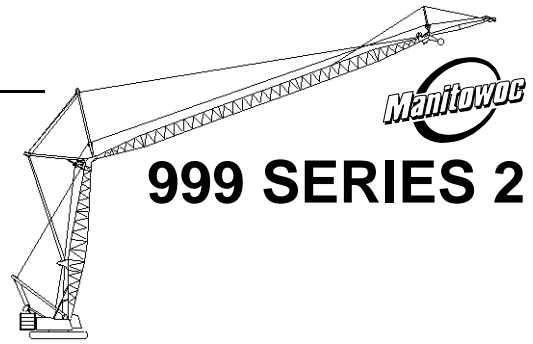
## 999 SERIES 2

New York City Code  
Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

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

### 160 Ft. Boom, 210 Ft. Luffing Jib, 80 Ft. Fixed Jib

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |
| 95                        | 74.6                      | 449.3                      | 12,100*                   |                           |                            |                           |
| 100                       | 73.5                      | 447.8                      | 12,000*                   |                           |                            |                           |
| 105                       | 72.5                      | 446.2                      | 11,900*                   |                           |                            |                           |
| 110                       | 71.5                      | 444.5                      | 11,800*                   | 72.6                      | 446.0                      | 13,700*                   |
| 115                       | 70.4                      | 442.7                      | 11,700*                   | 71.6                      | 444.3                      | 13,600*                   |
| 120                       | 69.4                      | 440.8                      | 11,600*                   | 70.6                      | 442.5                      | 13,400*                   |
| 125                       | 68.3                      | 438.8                      | 11,400*                   | 69.5                      | 440.7                      | 13,300*                   |
| 130                       | 67.3                      | 436.7                      | 11,300*                   | 68.5                      | 438.7                      | 13,200*                   |
| 135                       | 66.2                      | 434.5                      | 11,200*                   | 67.4                      | 436.6                      | 13,100*                   |
| 140                       | 65.1                      | 432.1                      | 11,100*                   | 66.3                      | 434.4                      | 12,900*                   |
| 145                       | 64.0                      | 429.7                      | 11,000*                   | 65.3                      | 432.0                      | 12,800*                   |
| 150                       | 62.9                      | 427.1                      | 10,900*                   | 64.2                      | 429.6                      | 12,700*                   |
| 155                       | 61.8                      | 424.4                      | 10,800*                   | 63.1                      | 427.1                      | 12,500*                   |
| 160                       | 60.7                      | 421.6                      | 10,600*                   | 62.0                      | 424.4                      | 12,400*                   |
| 165                       | 59.6                      | 418.7                      | 10,500*                   | 60.8                      | 421.6                      | 12,300*                   |
| 170                       | 58.4                      | 415.6                      | 10,400*                   | 59.7                      | 418.6                      | 12,100*                   |
| 175                       | 57.3                      | 412.4                      | 10,300*                   | 58.6                      | 415.6                      | 12,000*                   |
| 180                       | 56.1                      | 409.0                      | 10,200*                   | 57.4                      | 412.4                      | 11,900*                   |
| 185                       | 54.9                      | 405.5                      | 10,000*                   | 56.2                      | 409.0                      | 11,800*                   |
| 190                       | 53.7                      | 401.8                      | 9,600*                    | 55.0                      | 405.5                      | 11,300                    |
| 195                       | 52.4                      | 397.9                      | 9,200*                    | 53.8                      | 401.8                      | 10,600                    |
| 200                       | 51.2                      | 393.9                      | 8,800*                    | 52.6                      | 398.0                      | 9,900                     |
| 205                       | 49.9                      | 389.7                      | 8,400*                    | 51.3                      | 394.0                      | 9,200                     |
| 210                       | 48.6                      | 385.3                      | 8,100*                    | 50.0                      | 389.8                      | 8,500                     |
| 215                       | 47.3                      | 380.6                      | 7,700*                    | 48.7                      | 385.4                      | 7,900                     |
| 220                       | 45.9                      | 375.8                      | 7,400*                    | 47.4                      | 380.8                      | 7,400                     |
| 225                       | 44.5                      | 370.7                      | 7,100*                    | 46.0                      | 376.0                      | 6,800                     |
| 230                       | 43.1                      | 365.4                      | 6,700*                    | 44.7                      | 370.9                      | 6,300                     |
| 235                       | 41.6                      | 359.7                      | 6,400*                    | 43.2                      | 365.6                      | 5,800                     |
| 240                       | 40.1                      | 353.8                      | 6,200*                    | 41.8                      | 360.0                      | 5,300                     |
| 245                       | 38.5                      | 347.6                      | 5,900*                    | 40.2                      | 354.1                      | 4,800                     |
| 250                       | 36.9                      | 340.9                      | 5,500                     | 38.7                      | 347.9                      | 4,300                     |
| 255                       | 35.2                      | 333.9                      | 5,000                     |                           |                            |                           |
| 260                       | 33.4                      | 326.4                      | 4,600                     |                           |                            |                           |
| 265                       | 31.6                      | 318.3                      | 4,200                     |                           |                            |                           |



# Liftcrane Fixed Jib Capacities

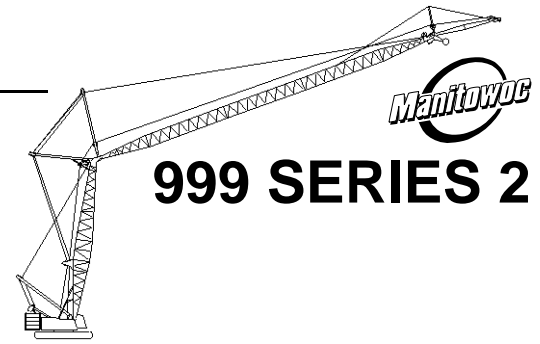
## 999 SERIES 2

New York City Code  
Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
184,600 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

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      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | 80 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 70                        | 74.4                      | 382.7                      | 30,300*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 70                        |
| 75                        | 73.0                      | 381.2                      | 29,900*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 75                        |
| 80                        | 71.5                      | 379.5                      | 29,600*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 80                        |
| 85                        | 70.0                      | 377.7                      | 29,100*                   | 71.9                      | 379.5                      | 35,200*                   |                           |                            |                           |                           |                            |                           | 85                        |
| 90                        | 68.5                      | 375.7                      | 28,400*                   | 70.4                      | 377.8                      | 34,600*                   |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 66.9                      | 373.6                      | 27,700*                   | 68.8                      | 375.8                      | 33,200*                   |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 65.4                      | 371.3                      | 26,800*                   | 67.3                      | 373.8                      | 31,900*                   |                           |                            |                           |                           |                            |                           | 100                       |
| 105                       | 63.8                      | 368.9                      | 25,500*                   | 65.8                      | 371.5                      | 30,500*                   | 68.7                      | 374.6                      | 32,300                    |                           |                            |                           | 105                       |
| 110                       | 62.2                      | 366.3                      | 24,200*                   | 64.2                      | 369.1                      | 29,100*                   | 67.1                      | 372.5                      | 30,000                    |                           |                            |                           | 110                       |
| 115                       | 60.6                      | 363.5                      | 22,900*                   | 62.6                      | 366.6                      | 27,700*                   | 65.6                      | 370.2                      | 27,800                    |                           |                            |                           | 115                       |
| 120                       | 58.9                      | 360.5                      | 21,700*                   | 61.0                      | 363.8                      | 26,400*                   | 64.0                      | 367.8                      | 25,900                    | 66.9                      | 370.7                      | 22,000                    | 120                       |
| 125                       | 57.3                      | 357.3                      | 20,500*                   | 59.4                      | 360.9                      | 25,000*                   | 62.4                      | 365.2                      | 24,100                    | 65.4                      | 368.4                      | 20,400                    | 125                       |
| 130                       | 55.6                      | 353.9                      | 19,500*                   | 57.7                      | 357.7                      | 23,800*                   | 60.8                      | 362.4                      | 22,500                    | 63.8                      | 365.9                      | 18,900                    | 130                       |
| 135                       | 53.8                      | 350.3                      | 18,400*                   | 56.0                      | 354.4                      | 22,500*                   | 59.1                      | 359.5                      | 21,000                    | 62.2                      | 363.3                      | 17,500                    | 135                       |
| 140                       | 52.0                      | 346.4                      | 17,400*                   | 54.3                      | 350.8                      | 21,400*                   | 57.5                      | 356.3                      | 19,600                    | 60.6                      | 360.5                      | 16,300                    | 140                       |
| 145                       | 50.2                      | 342.3                      | 16,500*                   | 52.5                      | 347.0                      | 20,200*                   | 55.8                      | 352.9                      | 18,300                    | 58.9                      | 357.5                      | 15,100                    | 145                       |
| 150                       | 48.3                      | 337.9                      | 15,600*                   | 50.7                      | 343.0                      | 19,200*                   | 54.0                      | 349.3                      | 17,100                    | 57.2                      | 354.3                      | 14,100                    | 150                       |
| 155                       | 46.4                      | 333.2                      | 14,800*                   | 48.8                      | 338.6                      | 18,200*                   | 52.3                      | 345.5                      | 16,000                    | 55.5                      | 350.9                      | 13,000                    | 155                       |
| 160                       | 44.4                      | 328.1                      | 14,000*                   | 46.9                      | 334.0                      | 17,200*                   | 50.4                      | 341.4                      | 15,000                    | 53.8                      | 347.3                      | 12,100                    | 160                       |
| 165                       | 42.3                      | 322.7                      | 13,300*                   | 44.9                      | 329.1                      | 16,300*                   | 48.6                      | 337.1                      | 14,000                    | 52.0                      | 343.4                      | 11,200                    | 165                       |
| 170                       | 40.1                      | 316.9                      | 12,600*                   | 42.8                      | 323.7                      | 15,500*                   | 46.6                      | 332.4                      | 13,100                    | 50.2                      | 339.3                      | 10,400                    | 170                       |
| 175                       | 37.8                      | 310.6                      | 12,000*                   | 40.7                      | 318.0                      | 14,700*                   | 44.6                      | 327.4                      | 12,300                    | 48.3                      | 334.9                      | 9,600                     | 175                       |
| 180                       | 35.4                      | 303.7                      | 11,500*                   | 38.4                      | 311.8                      | 13,900*                   | 42.5                      | 322.0                      | 11,400                    | 46.3                      | 330.2                      | 8,900                     | 180                       |
| 185                       | 32.9                      | 296.1                      | 10,900*                   | 36.0                      | 305.1                      | 13,200*                   | 40.4                      | 316.2                      | 10,700                    | 44.3                      | 325.2                      | 8,200                     | 185                       |
| 190                       | 30.1                      | 287.8                      | 10,500*                   | 33.5                      | 297.7                      | 12,400                    | 38.1                      | 310.0                      | 9,900                     | 42.3                      | 319.7                      | 7,600                     | 190                       |
| 195                       | 27.1                      | 278.4                      | 10,100*                   | 30.8                      | 289.6                      | 11,600                    | 35.7                      | 303.2                      | 9,300                     | 40.1                      | 313.9                      | 6,900                     | 195                       |
| 200                       | 23.7                      | 267.6                      | 9,700*                    | 27.9                      | 280.5                      | 10,900                    | 33.2                      | 295.7                      | 8,600                     | 37.8                      | 307.6                      | 6,300                     | 200                       |
| 205                       | 19.8                      | 254.6                      | 9,400*                    | 24.6                      | 270.1                      | 10,200                    | 30.5                      | 287.5                      | 8,000                     | 35.4                      | 300.7                      | 5,800                     | 205                       |
| 210                       | 14.9                      | 238.0                      | 9,300*                    | 20.9                      | 257.8                      | 9,500                     | 27.5                      | 278.2                      | 7,400                     | 32.8                      | 293.1                      | 5,200                     | 210                       |
| 215                       | 7.0                       | 210.7                      | 9,300*                    | 16.3                      | 242.3                      | 8,900                     | 24.2                      | 267.6                      | 6,800                     | 30.1                      | 284.7                      | 4,700                     | 215                       |
| 220                       |                           |                            |                           | 9.7                       | 219.6                      | 8,200                     | 20.4                      | 255.0                      | 6,200                     | 27.1                      | 275.3                      | 4,200                     | 220                       |
| 225                       |                           |                            |                           |                           |                            |                           | 15.6                      | 239.0                      | 5,700                     |                           |                            |                           | 225                       |
| 230                       |                           |                            |                           |                           |                            |                           | 8.5                       | 214.3                      | 5,100                     |                           |                            |                           | 230                       |



# Liftcrane Fixed Jib Capacities

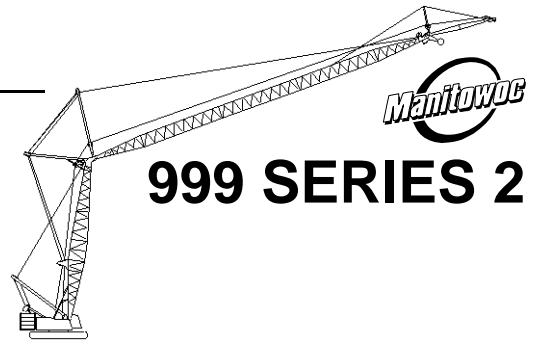
## 999 SERIES 2

New York City Code  
 Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82  
 184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

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 Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | 80 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 75                        | 74.2                      | 391.5                      | 27,000*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 75                        |
| 80                        | 72.8                      | 390.0                      | 26,700*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 80                        |
| 85                        | 71.4                      | 388.2                      | 26,300*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 85                        |
| 90                        | 70.0                      | 386.4                      | 26,000*                   | 71.8                      | 388.3                      | 32,000*                   |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 68.5                      | 384.4                      | 25,400*                   | 70.3                      | 386.5                      | 30,900*                   |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 67.0                      | 382.2                      | 24,900*                   | 68.9                      | 384.5                      | 30,000*                   |                           |                            |                           |                           |                            |                           | 100                       |
| 105                       | 65.6                      | 379.9                      | 24,300*                   | 67.4                      | 382.4                      | 28,800*                   |                           |                            |                           |                           |                            |                           | 105                       |
| 110                       | 64.1                      | 377.5                      | 23,100*                   | 65.9                      | 380.1                      | 27,600*                   | 68.7                      | 383.2                      | 30,200                    |                           |                            |                           | 110                       |
| 115                       | 62.5                      | 374.8                      | 21,900*                   | 64.4                      | 377.7                      | 26,400*                   | 67.2                      | 381.1                      | 28,100                    |                           |                            |                           | 115                       |
| 120                       | 61.0                      | 372.0                      | 20,800*                   | 62.9                      | 375.1                      | 25,200*                   | 65.8                      | 378.8                      | 26,100                    |                           |                            |                           | 120                       |
| 125                       | 59.4                      | 369.1                      | 19,700*                   | 61.4                      | 372.4                      | 24,000*                   | 64.3                      | 376.4                      | 24,300                    |                           |                            |                           | 125                       |
| 130                       | 57.8                      | 365.9                      | 18,700*                   | 59.8                      | 369.4                      | 22,800*                   | 62.7                      | 373.8                      | 22,700                    | 65.5                      | 377.0                      | 19,000                    | 130                       |
| 135                       | 56.2                      | 362.5                      | 17,700*                   | 58.2                      | 366.3                      | 21,700*                   | 61.2                      | 371.0                      | 21,200                    | 64.0                      | 374.5                      | 17,700                    | 135                       |
| 140                       | 54.5                      | 358.9                      | 16,800*                   | 56.6                      | 363.0                      | 20,600*                   | 59.6                      | 368.0                      | 19,800                    | 62.5                      | 371.9                      | 16,400                    | 140                       |
| 145                       | 52.8                      | 355.1                      | 15,900*                   | 55.0                      | 359.4                      | 19,500*                   | 58.0                      | 364.9                      | 18,500                    | 61.0                      | 369.1                      | 15,300                    | 145                       |
| 150                       | 51.1                      | 351.0                      | 15,000*                   | 53.3                      | 355.7                      | 18,500*                   | 56.4                      | 361.5                      | 17,300                    | 59.4                      | 366.1                      | 14,200                    | 150                       |
| 155                       | 49.3                      | 346.7                      | 14,200*                   | 51.6                      | 351.7                      | 17,500*                   | 54.8                      | 358.0                      | 16,200                    | 57.8                      | 362.9                      | 13,200                    | 155                       |
| 160                       | 47.5                      | 342.1                      | 13,500*                   | 49.8                      | 347.4                      | 16,600*                   | 53.1                      | 354.2                      | 15,200                    | 56.2                      | 359.5                      | 12,300                    | 160                       |
| 165                       | 45.6                      | 337.2                      | 12,800*                   | 48.0                      | 342.9                      | 15,700*                   | 51.3                      | 350.1                      | 14,200                    | 54.5                      | 355.9                      | 11,400                    | 165                       |
| 170                       | 43.7                      | 332.0                      | 12,100*                   | 46.1                      | 338.1                      | 14,900*                   | 49.6                      | 345.9                      | 13,300                    | 52.8                      | 352.1                      | 10,600                    | 170                       |
| 175                       | 41.6                      | 326.3                      | 11,500*                   | 44.2                      | 332.9                      | 14,100*                   | 47.7                      | 341.3                      | 12,400                    | 51.1                      | 348.1                      | 9,800                     | 175                       |
| 180                       | 39.5                      | 320.3                      | 10,900*                   | 42.2                      | 327.4                      | 13,400*                   | 45.9                      | 336.4                      | 11,600                    | 49.3                      | 343.7                      | 9,000                     | 180                       |
| 185                       | 37.3                      | 313.7                      | 10,400*                   | 40.1                      | 321.4                      | 12,700*                   | 43.9                      | 331.2                      | 10,900                    | 47.5                      | 339.1                      | 8,400                     | 185                       |
| 190                       | 35.0                      | 306.6                      | 9,900*                    | 37.9                      | 315.0                      | 12,100*                   | 41.9                      | 325.6                      | 10,100                    | 45.6                      | 334.2                      | 7,700                     | 190                       |
| 195                       | 32.5                      | 298.8                      | 9,400*                    | 35.6                      | 308.1                      | 11,500*                   | 39.8                      | 319.6                      | 9,400                     | 43.6                      | 329.0                      | 7,100                     | 195                       |
| 200                       | 29.8                      | 290.2                      | 9,000*                    | 33.1                      | 300.5                      | 10,900*                   | 37.6                      | 313.2                      | 8,800                     | 41.6                      | 323.3                      | 6,500                     | 200                       |
| 205                       | 26.8                      | 280.5                      | 8,700*                    | 30.5                      | 292.1                      | 10,400*                   | 35.3                      | 306.1                      | 8,200                     | 39.5                      | 317.3                      | 5,900                     | 205                       |
| 210                       | 23.5                      | 269.3                      | 8,400*                    | 27.6                      | 282.6                      | 9,700                     | 32.8                      | 298.4                      | 7,600                     | 37.3                      | 310.7                      | 5,400                     | 210                       |
| 215                       | 19.7                      | 256.0                      | 8,100*                    | 24.4                      | 271.9                      | 9,100                     | 30.1                      | 289.9                      | 7,000                     | 34.9                      | 303.6                      | 4,900                     | 215                       |
| 220                       | 14.9                      | 238.8                      | 7,900*                    | 20.7                      | 259.2                      | 8,500                     | 27.2                      | 280.4                      | 6,400                     | 32.4                      | 295.8                      | 4,400                     | 220                       |
| 225                       | 7.1                       | 210.3                      | 7,900*                    | 16.2                      | 243.3                      | 7,900                     | 24.0                      | 269.4                      | 5,900                     |                           |                            |                           | 225                       |
| 230                       |                           |                            |                           | 9.7                       | 219.7                      | 7,300                     | 20.2                      | 256.4                      | 5,400                     |                           |                            |                           | 230                       |
| 235                       |                           |                            |                           |                           |                            |                           | 15.6                      | 239.9                      | 4,900                     |                           |                            |                           | 235                       |
| 240                       |                           |                            |                           |                           |                            |                           | 8.5                       | 214.3                      | 4,400                     |                           |                            |                           | 240                       |



# Liftcrane Fixed Jib Capacities

**999 SERIES 2**

New York City Code  
 Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82  
 184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

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      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | 80 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 80                        | 74.1                      | 400.7                      | 24,300*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 80                        |
| 85                        | 72.8                      | 399.1                      | 23,500*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 85                        |
| 90                        | 71.4                      | 397.4                      | 23,300*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 70.0                      | 395.5                      | 23,100*                   | 71.7                      | 397.4                      | 27,700*                   |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 68.6                      | 393.5                      | 22,800*                   | 70.4                      | 395.6                      | 27,200*                   |                           |                            |                           |                           |                            |                           | 100                       |
| 105                       | 67.2                      | 391.3                      | 22,500*                   | 69.0                      | 393.6                      | 27,000*                   |                           |                            |                           |                           |                            |                           | 105                       |
| 110                       | 65.8                      | 389.0                      | 22,000*                   | 67.6                      | 391.5                      | 26,500*                   |                           |                            |                           |                           |                            |                           | 110                       |
| 115                       | 64.4                      | 386.6                      | 21,400*                   | 66.2                      | 389.2                      | 25,400*                   | 68.8                      | 392.3                      | 27,000*                   |                           |                            |                           | 115                       |
| 120                       | 62.9                      | 384.0                      | 20,400*                   | 64.8                      | 386.8                      | 24,400*                   | 67.4                      | 390.2                      | 26,300                    |                           |                            |                           | 120                       |
| 125                       | 61.5                      | 381.2                      | 19,400*                   | 63.3                      | 384.2                      | 23,300*                   | 66.0                      | 387.9                      | 24,500                    |                           |                            |                           | 125                       |
| 130                       | 60.0                      | 378.2                      | 18,400*                   | 61.8                      | 381.5                      | 22,300*                   | 64.6                      | 385.5                      | 22,900                    |                           |                            |                           | 130                       |
| 135                       | 58.5                      | 375.1                      | 17,500*                   | 60.4                      | 378.6                      | 21,200*                   | 63.1                      | 382.9                      | 21,400                    | 65.8                      | 386.1                      | 17,800                    | 135                       |
| 140                       | 56.9                      | 371.8                      | 16,600*                   | 58.8                      | 375.5                      | 20,200*                   | 61.7                      | 380.1                      | 20,000                    | 64.4                      | 383.6                      | 16,600                    | 140                       |
| 145                       | 55.3                      | 368.3                      | 15,700*                   | 57.3                      | 372.3                      | 19,200*                   | 60.2                      | 377.2                      | 18,700                    | 62.9                      | 381.0                      | 15,400                    | 145                       |
| 150                       | 53.7                      | 364.6                      | 14,900*                   | 55.7                      | 368.8                      | 18,300*                   | 58.6                      | 374.1                      | 17,500                    | 61.4                      | 378.2                      | 14,400                    | 150                       |
| 155                       | 52.1                      | 360.6                      | 14,100*                   | 54.1                      | 365.1                      | 17,400*                   | 57.1                      | 370.8                      | 16,400                    | 60.0                      | 375.3                      | 13,400                    | 155                       |
| 160                       | 50.4                      | 356.4                      | 13,400*                   | 52.5                      | 361.2                      | 16,500*                   | 55.5                      | 367.3                      | 15,400                    | 58.4                      | 372.1                      | 12,400                    | 160                       |
| 165                       | 48.7                      | 352.0                      | 12,700*                   | 50.8                      | 357.1                      | 15,600*                   | 53.9                      | 363.6                      | 14,400                    | 56.9                      | 368.8                      | 11,500                    | 165                       |
| 170                       | 46.9                      | 347.2                      | 12,000*                   | 49.1                      | 352.7                      | 14,800*                   | 52.3                      | 359.7                      | 13,500                    | 55.3                      | 365.3                      | 10,700                    | 170                       |
| 175                       | 45.1                      | 342.2                      | 11,400*                   | 47.4                      | 348.0                      | 14,100*                   | 50.6                      | 355.5                      | 12,600                    | 53.7                      | 361.6                      | 9,900                     | 175                       |
| 180                       | 43.2                      | 336.8                      | 10,800*                   | 45.6                      | 343.1                      | 13,400*                   | 48.9                      | 351.1                      | 11,800                    | 52.1                      | 357.6                      | 9,200                     | 180                       |
| 185                       | 41.2                      | 331.0                      | 10,300*                   | 43.7                      | 337.8                      | 12,700*                   | 47.1                      | 346.4                      | 11,100                    | 50.4                      | 353.4                      | 8,500                     | 185                       |
| 190                       | 39.2                      | 324.9                      | 9,800*                    | 41.7                      | 332.1                      | 12,000*                   | 45.3                      | 341.4                      | 10,300                    | 48.7                      | 349.0                      | 7,900                     | 190                       |
| 195                       | 37.0                      | 318.2                      | 9,300*                    | 39.7                      | 326.1                      | 11,400*                   | 43.4                      | 336.1                      | 9,600                     | 46.9                      | 344.2                      | 7,200                     | 195                       |
| 200                       | 34.8                      | 311.0                      | 8,800*                    | 37.6                      | 319.5                      | 10,800*                   | 41.5                      | 330.4                      | 9,000                     | 45.1                      | 339.2                      | 6,700                     | 200                       |
| 205                       | 32.4                      | 303.1                      | 8,400*                    | 35.4                      | 312.4                      | 10,300*                   | 39.5                      | 324.2                      | 8,400                     | 43.2                      | 333.8                      | 6,100                     | 205                       |
| 210                       | 29.8                      | 294.3                      | 8,100*                    | 33.0                      | 304.7                      | 9,800*                    | 37.3                      | 317.6                      | 7,800                     | 41.2                      | 328.0                      | 5,600                     | 210                       |
| 215                       | 27.0                      | 284.6                      | 7,700*                    | 30.5                      | 296.2                      | 9,300*                    | 35.1                      | 310.5                      | 7,200                     | 39.2                      | 321.8                      | 5,000                     | 215                       |
| 220                       | 23.8                      | 273.4                      | 7,500*                    | 27.7                      | 286.8                      | 8,800                     | 32.7                      | 302.7                      | 6,700                     | 37.0                      | 315.2                      | 4,600                     | 220                       |
| 225                       | 20.2                      | 260.3                      | 7,200*                    | 24.7                      | 276.0                      | 8,200                     | 30.1                      | 294.1                      | 6,100                     | 34.8                      | 307.9                      | 4,100                     | 225                       |
| 230                       | 15.7                      | 243.6                      | 7,100*                    | 21.2                      | 263.4                      | 7,600                     | 27.3                      | 284.5                      | 5,600                     |                           |                            |                           | 230                       |
| 235                       | 9.0                       | 218.2                      | 7,000*                    | 17.0                      | 247.9                      | 7,100                     | 24.2                      | 273.5                      | 5,100                     |                           |                            |                           | 235                       |
| 240                       |                           |                            |                           | 11.2                      | 225.9                      | 6,500                     | 20.7                      | 260.7                      | 4,700                     |                           |                            |                           | 240                       |
| 245                       |                           |                            |                           |                           |                            |                           | 16.4                      | 244.6                      | 4,200                     |                           |                            |                           | 245                       |



# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

New York City Code  
 Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82  
 184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

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 Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | 80 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 80                        | 74.9                      | 411.2                      | 20,200*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 80                        |
| 85                        | 73.6                      | 409.7                      | 20,100*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 85                        |
| 90                        | 72.3                      | 408.0                      | 20,000*                   |                           |                            |                           |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 71.0                      | 406.2                      | 19,800*                   | 72.6                      | 408.0                      | 23,200*                   |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 69.7                      | 404.3                      | 19,600*                   | 71.3                      | 406.3                      | 23,000*                   |                           |                            |                           |                           |                            |                           | 100                       |
| 105                       | 68.4                      | 402.3                      | 19,400*                   | 70.0                      | 404.4                      | 22,900*                   |                           |                            |                           |                           |                            |                           | 105                       |
| 110                       | 67.0                      | 400.1                      | 19,300*                   | 68.7                      | 402.4                      | 22,800*                   |                           |                            |                           |                           |                            |                           | 110                       |
| 115                       | 65.6                      | 397.8                      | 19,000*                   | 67.3                      | 400.2                      | 22,600*                   | 69.9                      | 403.1                      | 22,700*                   |                           |                            |                           | 115                       |
| 120                       | 64.3                      | 395.3                      | 18,900*                   | 66.0                      | 398.0                      | 22,400*                   | 68.5                      | 401.1                      | 22,600*                   |                           |                            |                           | 120                       |
| 125                       | 62.9                      | 392.7                      | 18,500*                   | 64.6                      | 395.5                      | 22,100*                   | 67.2                      | 398.9                      | 22,500*                   |                           |                            |                           | 125                       |
| 130                       | 61.5                      | 389.9                      | 17,600*                   | 63.2                      | 392.9                      | 21,200*                   | 65.8                      | 396.6                      | 22,400*                   |                           |                            |                           | 130                       |
| 135                       | 60.0                      | 386.9                      | 16,800*                   | 61.8                      | 390.2                      | 20,300*                   | 64.5                      | 394.2                      | 21,400                    | 67.0                      | 397.1                      | 17,800                    | 135                       |
| 140                       | 58.6                      | 383.8                      | 16,000*                   | 60.4                      | 387.3                      | 19,400*                   | 63.1                      | 391.6                      | 20,000                    | 65.6                      | 394.8                      | 16,600                    | 140                       |
| 145                       | 57.1                      | 380.5                      | 15,200*                   | 59.0                      | 384.2                      | 18,500*                   | 61.7                      | 388.8                      | 18,800                    | 64.3                      | 392.3                      | 15,400                    | 145                       |
| 150                       | 55.6                      | 377.0                      | 14,400*                   | 57.5                      | 381.0                      | 17,600*                   | 60.2                      | 385.9                      | 17,600                    | 62.9                      | 389.7                      | 14,300                    | 150                       |
| 155                       | 54.1                      | 373.4                      | 13,700*                   | 56.0                      | 377.5                      | 16,800*                   | 58.8                      | 382.8                      | 16,500                    | 61.5                      | 386.9                      | 13,300                    | 155                       |
| 160                       | 52.5                      | 369.5                      | 13,000*                   | 54.5                      | 373.9                      | 16,000*                   | 57.3                      | 379.5                      | 15,400                    | 60.0                      | 384.0                      | 12,400                    | 160                       |
| 165                       | 50.9                      | 365.3                      | 12,300*                   | 52.9                      | 370.1                      | 15,200*                   | 55.8                      | 376.1                      | 14,400                    | 58.6                      | 380.8                      | 11,500                    | 165                       |
| 170                       | 49.3                      | 361.0                      | 11,700*                   | 51.3                      | 366.0                      | 14,400*                   | 54.3                      | 372.4                      | 13,500                    | 57.1                      | 377.5                      | 10,700                    | 170                       |
| 175                       | 47.6                      | 356.3                      | 11,100*                   | 49.7                      | 361.7                      | 13,700*                   | 52.7                      | 368.5                      | 12,700                    | 55.6                      | 374.1                      | 9,900                     | 175                       |
| 180                       | 45.9                      | 351.4                      | 10,500*                   | 48.0                      | 357.1                      | 13,000*                   | 51.1                      | 364.4                      | 11,900                    | 54.1                      | 370.4                      | 9,200                     | 180                       |
| 185                       | 44.1                      | 346.2                      | 9,900*                    | 46.3                      | 352.3                      | 12,300*                   | 49.5                      | 360.1                      | 11,100                    | 52.5                      | 366.5                      | 8,500                     | 185                       |
| 190                       | 42.3                      | 340.6                      | 9,400*                    | 44.6                      | 347.1                      | 11,700*                   | 47.8                      | 355.5                      | 10,400                    | 50.9                      | 362.3                      | 7,900                     | 190                       |
| 195                       | 40.4                      | 334.7                      | 9,000*                    | 42.7                      | 341.7                      | 11,100*                   | 46.1                      | 350.6                      | 9,700                     | 49.3                      | 358.0                      | 7,300                     | 195                       |
| 200                       | 38.4                      | 328.3                      | 8,500*                    | 40.8                      | 335.8                      | 10,500*                   | 44.3                      | 345.4                      | 9,000                     | 47.6                      | 353.3                      | 6,700                     | 200                       |
| 205                       | 36.3                      | 321.4                      | 8,100*                    | 38.9                      | 329.6                      | 10,000*                   | 42.5                      | 339.9                      | 8,400                     | 45.9                      | 348.4                      | 6,100                     | 205                       |
| 210                       | 34.1                      | 314.0                      | 7,700*                    | 36.8                      | 322.8                      | 9,500*                    | 40.6                      | 334.0                      | 7,800                     | 44.1                      | 343.2                      | 5,600                     | 210                       |
| 215                       | 31.7                      | 305.9                      | 7,400*                    | 34.6                      | 315.5                      | 9,000*                    | 38.6                      | 327.7                      | 7,300                     | 42.2                      | 337.6                      | 5,100                     | 215                       |
| 220                       | 29.2                      | 296.9                      | 7,000*                    | 32.3                      | 307.6                      | 8,600*                    | 36.5                      | 320.9                      | 6,700                     | 40.3                      | 331.7                      | 4,600                     | 220                       |
| 225                       | 26.4                      | 286.9                      | 6,700*                    | 29.8                      | 298.9                      | 8,200*                    | 34.3                      | 313.6                      | 6,200                     | 38.3                      | 325.3                      | 4,100                     | 225                       |
| 230                       | 23.4                      | 275.5                      | 6,500*                    | 27.2                      | 289.2                      | 7,800*                    | 32.0                      | 305.5                      | 5,700                     |                           |                            |                           | 230                       |
| 235                       | 19.8                      | 262.0                      | 6,300*                    | 24.2                      | 278.1                      | 7,200                     | 29.5                      | 296.7                      | 5,200                     |                           |                            |                           | 235                       |
| 240                       | 15.4                      | 245.0                      | 6,100*                    | 20.8                      | 265.3                      | 6,700                     | 26.8                      | 286.8                      | 4,800                     |                           |                            |                           | 240                       |
| 245                       | 8.9                       | 219.1                      | 6,100*                    | 16.7                      | 249.4                      | 6,200                     | 23.8                      | 275.6                      | 4,300                     |                           |                            |                           | 245                       |
| 250                       |                           |                            |                           | 11.0                      | 227.0                      | 5,700                     |                           |                            |                           |                           |                            |                           | 250                       |



# Liftcrane Fixed Jib Capacities

**999 SERIES 2**

New York City Code  
 Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82

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

184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

## 180 Ft. Boom, 170 Ft. Luffing Jib, 70 Ft. Fixed Jib

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 85                        | 74.2                      | 420.2                      | 16,500*                   |                           |                            |                           |                           |                            |                           | 85                        |
| 90                        | 73.0                      | 418.6                      | 16,400*                   |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 71.7                      | 416.9                      | 16,200*                   |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 70.5                      | 415.1                      | 16,100*                   | 72.0                      | 417.0                      | 18,700*                   |                           |                            |                           | 100                       |
| 105                       | 69.2                      | 413.2                      | 15,900*                   | 70.8                      | 415.2                      | 18,600*                   |                           |                            |                           | 105                       |
| 110                       | 67.9                      | 411.1                      | 15,800*                   | 69.5                      | 413.3                      | 18,400*                   |                           |                            |                           | 110                       |
| 115                       | 66.6                      | 408.9                      | 15,600*                   | 68.2                      | 411.2                      | 18,200*                   |                           |                            |                           | 115                       |
| 120                       | 65.3                      | 406.5                      | 15,400*                   | 66.9                      | 409.0                      | 18,000*                   | 69.3                      | 412.0                      | 18,200*                   | 120                       |
| 125                       | 64.0                      | 404.0                      | 15,300*                   | 65.6                      | 406.7                      | 17,800*                   | 68.1                      | 409.9                      | 18,000*                   | 125                       |
| 130                       | 62.7                      | 401.4                      | 15,100*                   | 64.3                      | 404.3                      | 17,600*                   | 66.8                      | 407.7                      | 17,800*                   | 130                       |
| 135                       | 61.3                      | 398.6                      | 14,900*                   | 63.0                      | 401.7                      | 17,400*                   | 65.5                      | 405.4                      | 17,700*                   | 135                       |
| 140                       | 59.9                      | 395.7                      | 14,700*                   | 61.7                      | 398.9                      | 17,300*                   | 64.2                      | 402.9                      | 17,400*                   | 140                       |
| 145                       | 58.6                      | 392.6                      | 14,600*                   | 60.3                      | 396.0                      | 17,100*                   | 62.8                      | 400.3                      | 17,300*                   | 145                       |
| 150                       | 57.1                      | 389.3                      | 14,000*                   | 58.9                      | 393.0                      | 16,900*                   | 61.5                      | 397.6                      | 17,100*                   | 150                       |
| 155                       | 55.7                      | 385.8                      | 13,300*                   | 57.5                      | 389.7                      | 16,200*                   | 60.1                      | 394.6                      | 16,600                    | 155                       |
| 160                       | 54.2                      | 382.2                      | 12,600*                   | 56.1                      | 386.3                      | 15,500*                   | 58.7                      | 391.6                      | 15,600                    | 160                       |
| 165                       | 52.8                      | 378.3                      | 12,000*                   | 54.6                      | 382.7                      | 14,700*                   | 57.3                      | 388.3                      | 14,600                    | 165                       |
| 170                       | 51.2                      | 374.3                      | 11,400*                   | 53.1                      | 378.9                      | 14,100*                   | 55.9                      | 384.9                      | 13,700                    | 170                       |
| 175                       | 49.7                      | 370.0                      | 10,800*                   | 51.6                      | 374.9                      | 13,400*                   | 54.4                      | 381.2                      | 12,800                    | 175                       |
| 180                       | 48.1                      | 365.5                      | 10,300*                   | 50.1                      | 370.7                      | 12,700*                   | 52.9                      | 377.4                      | 12,000                    | 180                       |
| 185                       | 46.4                      | 360.7                      | 9,700*                    | 48.5                      | 366.2                      | 12,100*                   | 51.4                      | 373.4                      | 11,300                    | 185                       |
| 190                       | 44.8                      | 355.6                      | 9,200*                    | 46.9                      | 361.5                      | 11,500*                   | 49.9                      | 369.1                      | 10,600                    | 190                       |
| 195                       | 43.0                      | 350.2                      | 8,800*                    | 45.2                      | 356.5                      | 10,900*                   | 48.3                      | 364.6                      | 9,900                     | 195                       |
| 200                       | 41.2                      | 344.4                      | 8,300*                    | 43.5                      | 351.2                      | 10,300*                   | 46.7                      | 359.9                      | 9,200                     | 200                       |
| 205                       | 39.4                      | 338.3                      | 7,900*                    | 41.7                      | 345.5                      | 9,800*                    | 45.0                      | 354.8                      | 8,600                     | 205                       |
| 210                       | 37.4                      | 331.7                      | 7,500*                    | 39.8                      | 339.5                      | 9,300*                    | 43.3                      | 349.5                      | 8,000                     | 210                       |
| 215                       | 35.4                      | 324.7                      | 7,100*                    | 37.9                      | 333.0                      | 8,800*                    | 41.5                      | 343.8                      | 7,500                     | 215                       |
| 220                       | 33.2                      | 317.0                      | 6,800*                    | 35.9                      | 326.1                      | 8,400*                    | 39.6                      | 337.7                      | 6,900                     | 220                       |
| 225                       | 30.9                      | 308.7                      | 6,500*                    | 33.8                      | 318.6                      | 8,000*                    | 37.7                      | 331.2                      | 6,400                     | 225                       |
| 230                       | 28.5                      | 299.5                      | 6,200*                    | 31.5                      | 310.5                      | 7,600*                    | 35.6                      | 324.2                      | 5,900                     | 230                       |
| 235                       | 25.8                      | 289.3                      | 5,900*                    | 29.1                      | 301.5                      | 7,200*                    | 33.5                      | 316.6                      | 5,500                     | 235                       |
| 240                       | 22.8                      | 277.6                      | 5,700*                    | 26.5                      | 291.6                      | 6,900*                    | 31.2                      | 308.4                      | 5,000                     | 240                       |
| 245                       | 19.3                      | 263.8                      | 5,500*                    | 23.6                      | 280.3                      | 6,500                     | 28.8                      | 299.3                      | 4,600                     | 245                       |
| 250                       | 15.0                      | 246.5                      | 5,400*                    | 20.2                      | 267.2                      | 6,000                     | 26.1                      | 289.2                      | 4,200                     | 250                       |
| 255                       | 8.7                       | 220.3                      | 5,400*                    | 16.2                      | 251.0                      | 5,600                     |                           |                            |                           | 255                       |
| 260                       |                           |                            |                           | 10.7                      | 228.2                      | 5,100                     |                           |                            |                           | 260                       |





# Liftcrane Fixed Jib Capacities

## 999 SERIES 2

New York City Code  
 Fixed Jib No. 134 At  
 5 Degree Offset Angle On  
 Luffing Jib No. 149 On  
 Boom No. 82  
 184,600 Lb. Crane Counterweight  
 44,000 Lb. Carbody Counterweight  
 360 Degree Rating

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

### 180 Ft. Boom, 170 Ft. Luffing Jib, 80 Ft. Fixed Jib

| Fixed Jib Oper. Rad. Feet | 88 Degree Boom Angle      |                            |                           | 86 Degree Boom Angle      |                            |                           | 83 Degree Boom Angle      |                            |                           | Fixed Jib Oper. Rad. Feet |
|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|----------------------------|---------------------------|---------------------------|
|                           | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Feet | Fixed Jib Capacity Pounds |                           |
| 85                        | 74.6                      | 430.7                      | 13,300*                   |                           |                            |                           |                           |                            |                           | 85                        |
| 90                        | 73.4                      | 429.2                      | 13,200*                   |                           |                            |                           |                           |                            |                           | 90                        |
| 95                        | 72.2                      | 427.6                      | 13,000*                   |                           |                            |                           |                           |                            |                           | 95                        |
| 100                       | 71.0                      | 425.8                      | 12,800*                   | 72.5                      | 427.6                      | 15,000*                   |                           |                            |                           | 100                       |
| 105                       | 69.8                      | 424.0                      | 12,700*                   | 71.3                      | 425.9                      | 14,800*                   |                           |                            |                           | 105                       |
| 110                       | 68.6                      | 422.0                      | 12,500*                   | 70.1                      | 424.1                      | 14,600*                   |                           |                            |                           | 110                       |
| 115                       | 67.3                      | 419.9                      | 12,400*                   | 68.9                      | 422.1                      | 14,400*                   |                           |                            |                           | 115                       |
| 120                       | 66.1                      | 417.7                      | 12,200*                   | 67.7                      | 420.0                      | 14,300*                   | 69.9                      | 422.8                      | 14,400*                   | 120                       |
| 125                       | 64.8                      | 415.3                      | 12,000*                   | 66.4                      | 417.8                      | 14,100*                   | 68.7                      | 420.8                      | 14,200*                   | 125                       |
| 130                       | 63.6                      | 412.8                      | 11,900*                   | 65.2                      | 415.5                      | 13,900*                   | 67.5                      | 418.7                      | 14,100*                   | 130                       |
| 135                       | 62.3                      | 410.2                      | 11,700*                   | 63.9                      | 413.0                      | 13,700*                   | 66.3                      | 416.5                      | 13,900*                   | 135                       |
| 140                       | 61.0                      | 407.4                      | 11,600*                   | 62.6                      | 410.4                      | 13,500*                   | 65.0                      | 414.2                      | 13,700*                   | 140                       |
| 145                       | 59.7                      | 404.4                      | 11,400*                   | 61.3                      | 407.7                      | 13,400*                   | 63.7                      | 411.7                      | 13,500*                   | 145                       |
| 150                       | 58.4                      | 401.3                      | 11,300*                   | 60.0                      | 404.8                      | 13,200*                   | 62.5                      | 409.1                      | 13,400*                   | 150                       |
| 155                       | 57.0                      | 398.1                      | 11,100*                   | 58.7                      | 401.7                      | 13,000*                   | 61.2                      | 406.3                      | 13,200*                   | 155                       |
| 160                       | 55.6                      | 394.6                      | 11,000*                   | 57.3                      | 398.5                      | 12,800*                   | 59.9                      | 403.4                      | 13,000*                   | 160                       |
| 165                       | 54.2                      | 391.0                      | 10,900*                   | 56.0                      | 395.1                      | 12,700*                   | 58.5                      | 400.3                      | 12,900*                   | 165                       |
| 170                       | 52.8                      | 387.2                      | 10,700*                   | 54.6                      | 391.6                      | 12,500*                   | 57.2                      | 397.1                      | 12,700*                   | 170                       |
| 175                       | 51.3                      | 383.2                      | 10,500*                   | 53.2                      | 387.8                      | 12,400*                   | 55.8                      | 393.7                      | 12,500*                   | 175                       |
| 180                       | 49.9                      | 379.0                      | 10,000*                   | 51.7                      | 383.9                      | 12,200*                   | 54.4                      | 390.1                      | 11,900                    | 180                       |
| 185                       | 48.3                      | 374.6                      | 9,500*                    | 50.2                      | 379.7                      | 11,700*                   | 53.0                      | 386.3                      | 11,200                    | 185                       |
| 190                       | 46.8                      | 369.9                      | 9,000*                    | 48.7                      | 375.3                      | 11,200*                   | 51.5                      | 382.3                      | 10,500                    | 190                       |
| 195                       | 45.2                      | 364.9                      | 8,500*                    | 47.2                      | 370.7                      | 10,600*                   | 50.1                      | 378.1                      | 9,800                     | 195                       |
| 200                       | 43.6                      | 359.6                      | 8,100*                    | 45.6                      | 365.8                      | 10,100*                   | 48.5                      | 373.7                      | 9,200                     | 200                       |
| 205                       | 41.9                      | 354.1                      | 7,700*                    | 44.0                      | 360.6                      | 9,600*                    | 47.0                      | 369.0                      | 8,600                     | 205                       |
| 210                       | 40.1                      | 348.2                      | 7,300*                    | 42.3                      | 355.1                      | 9,100*                    | 45.4                      | 364.1                      | 8,000                     | 210                       |
| 215                       | 38.3                      | 341.9                      | 6,900*                    | 40.6                      | 349.3                      | 8,600*                    | 43.8                      | 358.9                      | 7,400                     | 215                       |
| 220                       | 36.4                      | 335.1                      | 6,600*                    | 38.7                      | 343.1                      | 8,200*                    | 42.1                      | 353.4                      | 6,900                     | 220                       |
| 225                       | 34.4                      | 327.9                      | 6,300*                    | 36.9                      | 336.5                      | 7,800*                    | 40.3                      | 347.5                      | 6,400                     | 225                       |
| 230                       | 32.3                      | 320.0                      | 6,000*                    | 34.9                      | 329.3                      | 7,400*                    | 38.5                      | 341.3                      | 5,900                     | 230                       |
| 235                       | 30.0                      | 311.5                      | 5,700*                    | 32.8                      | 321.7                      | 7,000*                    | 36.6                      | 334.6                      | 5,500                     | 235                       |
| 240                       | 27.6                      | 302.1                      | 5,400*                    | 30.6                      | 313.3                      | 6,700*                    | 34.6                      | 327.4                      | 5,000                     | 240                       |
| 245                       | 25.0                      | 291.6                      | 5,200*                    | 28.3                      | 304.2                      | 6,400*                    | 32.5                      | 319.6                      | 4,600                     | 245                       |
| 250                       | 22.1                      | 279.7                      | 5,000*                    | 25.7                      | 294.0                      | 6,100*                    | 30.3                      | 311.2                      | 4,200                     | 250                       |
| 255                       | 18.7                      | 265.7                      | 4,800*                    | 22.8                      | 282.5                      | 5,600                     |                           |                            |                           | 255                       |
| 260                       | 14.5                      | 248.0                      | 4,700*                    | 19.6                      | 269.1                      | 5,200                     |                           |                            |                           | 260                       |
| 265                       | 8.4                       | 221.5                      | 4,700*                    | 15.7                      | 252.6                      | 4,800                     |                           |                            |                           | 265                       |
| 270                       |                           |                            |                           | 10.3                      | 229.5                      | 4,400                     |                           |                            |                           | 270                       |