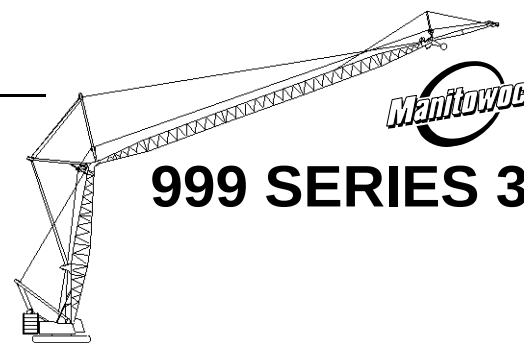


# Liftcrane Fixed Jib Capacities

**Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating**

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



## 999 SERIES 3

**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 75% of a static tipping load. 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 13mm in 3m 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.

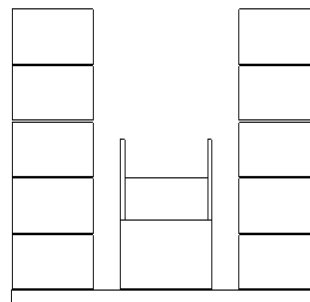
**FIXED JIB POINT ELEVATION:** Fixed jib point elevation is vertical distance from ground level to centerline of fixed jib point shaft.

**MACHINE EQUIPMENT:** Machine equipped with 8 585 mm crawlers, 1 219 mm treads, 3 124 mm retractable gantry, 9 144 mm live mast, 20 part boom hoist reeving, boom support straps, 9 part luffing jib hoist reeving, luffing jib straps, two 38 mm luffing jib backstay pendants, 99 610 kg crane counterweight, two 9 980 kg and two 8 165 kg carbody counterweights.

Maximum capacity on 26 mm wire rope is 13 380 kg per line (9 070 kg on 26 mm or 1 in. wire rope when auxiliary drum is used).

Consult chart **No. 8419-AM** for luffing jib capacities. Consult chart **No. 8370-AM** for intermediate fall capacities with fixed jib attached.

Lower boom point cannot be used when using this chart.



99 610 kg Crane Counterweight  
10 Side Boxes - 1 Center Box

### Intermediate Fall Deduct

Deduct 540 kg from capacities when luffing jib is equipped with intermediate fall.

### Boom Catwalks Deduct

Deduct 150 kg from capacities when boom catwalks are attached.

# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

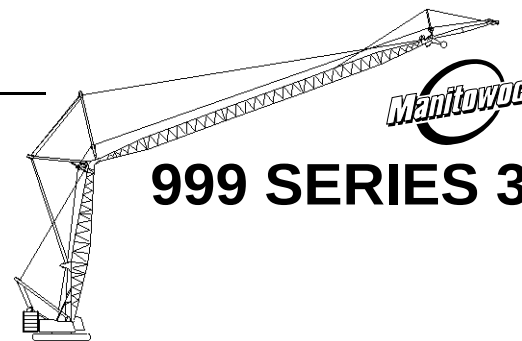
Designed And Tested  
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ANSI B30.5



**999 SERIES 3**

## 24.4m (80 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib, 9.1m (30 Ft.) Fixed Jib

| Fixed Jib Oper. Rad. Meters | 88 Degree Boom Angle      |                              |                              | 86 Degree Boom Angle      |                              |                              | 83 Degree Boom Angle      |                              |                              | 80 Degree Boom Angle      |                              |                              | Fixed Jib Oper. Rad. Meters |
|-----------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|-----------------------------|
|                             | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms |                             |
| 19.8                        | 74.9                      | 86.3                         | 22 000*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 19.8                        |
| 20.0                        | 74.7                      | 86.3                         | 22 000*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 20.0                        |
| 22.0                        | 72.8                      | 85.7                         | 21 300*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 22.0                        |
| 24.0                        | 70.8                      | 85.0                         | 21 300*                      | 71.6                      | 85.2                         | 23 500*                      |                           |                              |                              |                           |                              |                              | 24.0                        |
| 26.0                        | 68.8                      | 84.2                         | 21 100*                      | 69.7                      | 84.5                         | 22 100*                      |                           |                              |                              |                           |                              |                              | 26.0                        |
| 28.0                        | 66.8                      | 83.4                         | 20 400*                      | 67.7                      | 83.7                         | 20 900*                      | 68.9                      | 84.0                         | 21 800*                      |                           |                              |                              | 28.0                        |
| 30.0                        | 64.8                      | 82.4                         | 19 300*                      | 65.6                      | 82.8                         | 19 800*                      | 66.9                      | 83.2                         | 20 700*                      |                           |                              |                              | 30.0                        |
| 32.0                        | 62.7                      | 81.4                         | 18 400*                      | 63.6                      | 81.8                         | 18 900*                      | 64.9                      | 82.3                         | 19 600*                      | 66.2                      | 82.6                         | 20 300*                      | 32.0                        |
| 34.0                        | 60.6                      | 80.3                         | 17 400*                      | 61.5                      | 80.7                         | 18 000*                      | 62.8                      | 81.3                         | 18 600*                      | 64.1                      | 81.7                         | 19 300*                      | 34.0                        |
| 36.0                        | 58.4                      | 79.1                         | 16 400*                      | 59.3                      | 79.6                         | 17 100*                      | 60.7                      | 80.2                         | 17 800*                      | 62.0                      | 80.6                         | 18 400*                      | 36.0                        |
| 38.0                        | 56.2                      | 77.8                         | 15 300*                      | 57.1                      | 78.3                         | 16 100*                      | 58.5                      | 79.0                         | 17 000*                      | 59.9                      | 79.5                         | 17 600*                      | 38.0                        |
| 40.0                        | 53.9                      | 76.4                         | 14 200*                      | 54.9                      | 76.9                         | 14 800*                      | 56.3                      | 77.7                         | 15 700*                      | 57.7                      | 78.3                         | 16 500*                      | 40.0                        |
| 42.0                        | 51.6                      | 74.8                         | 13 200*                      | 52.6                      | 75.4                         | 13 700*                      | 54.0                      | 76.2                         | 14 400*                      | 55.5                      | 76.9                         | 15 200*                      | 42.0                        |
| 44.0                        | 49.1                      | 73.1                         | 12 200*                      | 50.2                      | 73.8                         | 12 600*                      | 51.7                      | 74.7                         | 13 300*                      | 53.2                      | 75.4                         | 13 900*                      | 44.0                        |
| 46.0                        | 46.6                      | 71.3                         | 11 300*                      | 47.7                      | 72.0                         | 11 700*                      | 49.3                      | 73.0                         | 12 200*                      | 50.8                      | 73.8                         | 12 900*                      | 46.0                        |
| 48.0                        | 44.0                      | 69.2                         | 10 400*                      | 45.1                      | 70.1                         | 10 800*                      | 46.7                      | 71.2                         | 11 300*                      | 48.3                      | 72.1                         | 11 900*                      | 48.0                        |
| 50.0                        | 41.2                      | 67.0                         | 9 700*                       | 42.4                      | 67.9                         | 10 000*                      | 44.1                      | 69.1                         | 10 500*                      | 45.8                      | 70.2                         | 11 000*                      | 50.0                        |
| 52.0                        | 38.2                      | 64.6                         | 9 000*                       | 39.5                      | 65.6                         | 9 300*                       | 41.4                      | 66.9                         | 9 700*                       | 43.1                      | 68.1                         | 10 200*                      | 52.0                        |
| 54.0                        | 35.1                      | 61.8                         | 8 400*                       | 36.5                      | 63.0                         | 8 600*                       | 38.4                      | 64.5                         | 9 000*                       | 40.3                      | 65.8                         | 9 500*                       | 54.0                        |
| 56.0                        | 31.7                      | 58.7                         | 7 800*                       | 33.2                      | 60.0                         | 8 000*                       | 35.3                      | 61.8                         | 8 400*                       | 37.3                      | 63.3                         | 8 800*                       | 56.0                        |
| 58.0                        | 27.9                      | 55.1                         | 7 200*                       | 29.5                      | 56.6                         | 7 500*                       | 31.9                      | 58.7                         | 7 800*                       | 34.1                      | 60.4                         | 8 100*                       | 58.0                        |
| 60.0                        | 23.5                      | 50.8                         | 6 700*                       | 25.4                      | 52.7                         | 6 900*                       | 28.1                      | 55.1                         | 7 200*                       | 30.5                      | 57.2                         | 7 600*                       | 60.0                        |
| 62.0                        | 18.1                      | 45.4                         | 6 100*                       | 20.6                      | 47.8                         | 6 500*                       | 23.8                      | 50.9                         | 6 700*                       | 26.6                      | 53.4                         | 7 000*                       | 62.0                        |
| 64.0                        | 10.2                      | 37.1                         | 4 600*                       | 14.1                      | 41.2                         | 5 700*                       | 18.5                      | 45.5                         | 6 300*                       | 21.9                      | 48.8                         | 6 500*                       | 64.0                        |
| 66.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 16.1                      | 42.8                         | 6 100*                       | 66.0                        |



# Liftcrane Fixed Jib Capacities

**999 SERIES 3**

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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

**24.4m (80 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib, 9.1m (30 Ft.) Fixed Jib**

| Fixed Jib Oper. Rad. Meters | 88 Degree Boom Angle      |                              |                              | 86 Degree Boom Angle      |                              |                              | 83 Degree Boom Angle      |                              |                              | 80 Degree Boom Angle      |                              |                              | Fixed Jib Oper. Rad. Meters |
|-----------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|-----------------------------|
|                             | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms |                             |
| 21.3                        | 74.2                      | 89.0                         | 19 600*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 21.3                        |
| 22.0                        | 73.6                      | 88.8                         | 19 500*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 22.0                        |
| 24.0                        | 71.7                      | 88.2                         | 19 400*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 24.0                        |
| 26.0                        | 69.9                      | 87.5                         | 19 200*                      | 70.7                      | 87.7                         | 21 500*                      |                           |                              |                              |                           |                              |                              | 26.0                        |
| 28.0                        | 68.0                      | 86.7                         | 19 000*                      | 68.8                      | 87.0                         | 20 300*                      |                           |                              |                              |                           |                              |                              | 28.0                        |
| 30.0                        | 66.0                      | 85.8                         | 18 600*                      | 66.9                      | 86.1                         | 19 200*                      | 68.1                      | 86.5                         | 20 000*                      |                           |                              |                              | 30.0                        |
| 32.0                        | 64.1                      | 84.9                         | 17 600*                      | 64.9                      | 85.2                         | 18 200*                      | 66.2                      | 85.6                         | 19 000*                      |                           |                              |                              | 32.0                        |
| 34.0                        | 62.1                      | 83.8                         | 16 600*                      | 62.9                      | 84.2                         | 17 200*                      | 64.2                      | 84.7                         | 18 100*                      | 65.4                      | 85.1                         | 18 700*                      | 34.0                        |
| 36.0                        | 60.1                      | 82.7                         | 15 700*                      | 60.9                      | 83.1                         | 16 300*                      | 62.2                      | 83.7                         | 17 100*                      | 63.5                      | 84.1                         | 17 800*                      | 36.0                        |
| 38.0                        | 58.0                      | 81.5                         | 14 800*                      | 58.9                      | 81.9                         | 15 400*                      | 60.2                      | 82.5                         | 16 200*                      | 61.5                      | 83.0                         | 16 900*                      | 38.0                        |
| 40.0                        | 55.9                      | 80.1                         | 14 000*                      | 56.8                      | 80.6                         | 14 500*                      | 58.1                      | 81.3                         | 15 300*                      | 59.4                      | 81.9                         | 16 000*                      | 40.0                        |
| 42.0                        | 53.7                      | 78.7                         | 13 000*                      | 54.6                      | 79.2                         | 13 400*                      | 56.0                      | 80.0                         | 14 100*                      | 57.3                      | 80.6                         | 15 000*                      | 42.0                        |
| 44.0                        | 51.4                      | 77.1                         | 11 900*                      | 52.4                      | 77.7                         | 12 300*                      | 53.8                      | 78.5                         | 13 000*                      | 55.2                      | 79.2                         | 13 700*                      | 44.0                        |
| 46.0                        | 49.1                      | 75.4                         | 11 000*                      | 50.1                      | 76.1                         | 11 400*                      | 51.6                      | 77.0                         | 12 000*                      | 53.0                      | 77.8                         | 12 600*                      | 46.0                        |
| 48.0                        | 46.7                      | 73.6                         | 10 200*                      | 47.7                      | 74.3                         | 10 500*                      | 49.3                      | 75.3                         | 11 100*                      | 50.7                      | 76.1                         | 11 600*                      | 48.0                        |
| 50.0                        | 44.2                      | 71.6                         | 9 400*                       | 45.3                      | 72.4                         | 9 800*                       | 46.9                      | 73.5                         | 10 200*                      | 48.4                      | 74.4                         | 10 800*                      | 50.0                        |
| 52.0                        | 41.6                      | 69.4                         | 8 700*                       | 42.7                      | 70.3                         | 9 000*                       | 44.4                      | 71.5                         | 9 500*                       | 45.9                      | 72.5                         | 9 900*                       | 52.0                        |
| 54.0                        | 38.8                      | 67.0                         | 8 100*                       | 40.0                      | 67.9                         | 8 400*                       | 41.7                      | 69.3                         | 8 800*                       | 43.4                      | 70.4                         | 9 200*                       | 54.0                        |
| 56.0                        | 35.9                      | 64.3                         | 7 500*                       | 37.1                      | 65.4                         | 7 800*                       | 39.0                      | 66.9                         | 8 100*                       | 40.7                      | 68.2                         | 8 500*                       | 56.0                        |
| 58.0                        | 32.7                      | 61.3                         | 7 000*                       | 34.1                      | 62.5                         | 7 200*                       | 36.0                      | 64.2                         | 7 500*                       | 37.9                      | 65.7                         | 7 900*                       | 58.0                        |
| 60.0                        | 29.2                      | 57.9                         | 6 500*                       | 30.7                      | 59.3                         | 6 700*                       | 32.9                      | 61.2                         | 7 000*                       | 34.9                      | 62.9                         | 7 300*                       | 60.0                        |
| 62.0                        | 25.2                      | 53.9                         | 6 000*                       | 27.0                      | 55.6                         | 6 200*                       | 29.4                      | 57.8                         | 6 500*                       | 31.6                      | 59.8                         | 6 800*                       | 62.0                        |
| 64.0                        | 20.6                      | 49.0                         | 5 600*                       | 22.7                      | 51.1                         | 5 700*                       | 25.5                      | 53.9                         | 6 000*                       | 28.0                      | 56.2                         | 6 300*                       | 64.0                        |
| 66.0                        | 14.5                      | 42.4                         | 4 700*                       | 17.3                      | 45.5                         | 5 200*                       | 20.9                      | 49.1                         | 5 600*                       | 23.9                      | 52.0                         | 5 800*                       | 66.0                        |
| 68.0                        |                           |                              |                              | 9.3                       | 36.6                         | 3 900*                       | 14.9                      | 42.7                         | 5 100*                       | 18.9                      | 46.7                         | 5 400*                       | 68.0                        |
| 70.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 12.0                      | 39.2                         | 5 000*                       | 70.0                        |

# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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



## 999 SERIES 3

**24.4m (80 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib, 9.1m (30 Ft.) Fixed Jib**

| Fixed Jib<br>Oper.<br>Rad.<br>Meters | 88 Degree<br>Boom Angle            |                                          |                                    | 86 Degree<br>Boom Angle            |                                          |                                    | 83 Degree<br>Boom Angle            |                                          |                                    | 80 Degree<br>Boom Angle            |                                          |                                    | Fixed Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|--------------------------------------|
|                                      | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms |                                      |
| 21.3                                 | 74.9                               | 92.2                                     | 18 000*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 21.3                                 |
| 22.0                                 | 74.4                               | 92.0                                     | 17 900*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 22.0                                 |
| 24.0                                 | 72.6                               | 91.4                                     | 17 700*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 24.0                                 |
| 26.0                                 | 70.8                               | 90.7                                     | 17 500*                            | 71.6                               | 91.0                                     | 20 300*                            |                                    |                                          |                                    |                                    |                                          |                                    | 26.0                                 |
| 28.0                                 | 69.0                               | 90.0                                     | 17 300*                            | 69.8                               | 90.2                                     | 20 100*                            |                                    |                                          |                                    |                                    |                                          |                                    | 28.0                                 |
| 30.0                                 | 67.2                               | 89.1                                     | 17 100*                            | 68.0                               | 89.4                                     | 19 300*                            |                                    |                                          |                                    |                                    |                                          |                                    | 30.0                                 |
| 32.0                                 | 65.3                               | 88.2                                     | 17 000*                            | 66.1                               | 88.6                                     | 18 500*                            | 67.3                               | 89.0                                     | 19 200*                            |                                    |                                          |                                    | 32.0                                 |
| 34.0                                 | 63.4                               | 87.3                                     | 16 600*                            | 64.3                               | 87.6                                     | 17 700*                            | 65.4                               | 88.1                                     | 18 400*                            |                                    |                                          |                                    | 34.0                                 |
| 36.0                                 | 61.5                               | 86.2                                     | 15 600*                            | 62.4                               | 86.6                                     | 16 900*                            | 63.6                               | 87.1                                     | 17 600*                            | 64.7                               | 87.5                                     | 18 200*                            | 36.0                                 |
| 38.0                                 | 59.6                               | 85.0                                     | 14 600*                            | 60.4                               | 85.5                                     | 15 700*                            | 61.6                               | 86.0                                     | 16 700*                            | 62.9                               | 86.5                                     | 17 400*                            | 38.0                                 |
| 40.0                                 | 57.6                               | 83.8                                     | 13 700*                            | 58.4                               | 84.3                                     | 14 400*                            | 59.7                               | 84.9                                     | 15 300*                            | 60.9                               | 85.4                                     | 16 200*                            | 40.0                                 |
| 42.0                                 | 55.6                               | 82.4                                     | 12 800*                            | 56.4                               | 83.0                                     | 13 300*                            | 57.7                               | 83.6                                     | 14 000*                            | 59.0                               | 84.2                                     | 14 800*                            | 42.0                                 |
| 44.0                                 | 53.5                               | 81.0                                     | 11 800*                            | 54.4                               | 81.6                                     | 12 200*                            | 55.7                               | 82.3                                     | 12 800*                            | 57.0                               | 82.9                                     | 13 600*                            | 44.0                                 |
| 46.0                                 | 51.3                               | 79.4                                     | 10 800*                            | 52.2                               | 80.0                                     | 11 300*                            | 53.6                               | 80.9                                     | 11 800*                            | 54.9                               | 81.6                                     | 12 500*                            | 46.0                                 |
| 48.0                                 | 49.1                               | 77.7                                     | 10 000*                            | 50.1                               | 78.4                                     | 10 400*                            | 51.5                               | 79.3                                     | 10 900*                            | 52.8                               | 80.1                                     | 11 500*                            | 48.0                                 |
| 50.0                                 | 46.8                               | 75.9                                     | 9 300*                             | 47.8                               | 76.6                                     | 9 600*                             | 49.2                               | 77.6                                     | 10 100*                            | 50.6                               | 78.4                                     | 10 600*                            | 50.0                                 |
| 52.0                                 | 44.4                               | 73.9                                     | 8 600*                             | 45.5                               | 74.7                                     | 8 900*                             | 47.0                               | 75.8                                     | 9 300*                             | 48.4                               | 76.7                                     | 9 800*                             | 52.0                                 |
| 54.0                                 | 41.9                               | 71.7                                     | 8 000*                             | 43.0                               | 72.6                                     | 8 200*                             | 44.6                               | 73.8                                     | 8 600*                             | 46.1                               | 74.8                                     | 9 100*                             | 54.0                                 |
| 56.0                                 | 39.3                               | 69.3                                     | 7 400*                             | 40.5                               | 70.3                                     | 7 600*                             | 42.1                               | 71.6                                     | 8 000*                             | 43.7                               | 72.8                                     | 8 400*                             | 56.0                                 |
| 58.0                                 | 36.5                               | 66.7                                     | 6 800*                             | 37.7                               | 67.8                                     | 7 000*                             | 39.5                               | 69.3                                     | 7 400*                             | 41.1                               | 70.5                                     | 7 800*                             | 58.0                                 |
| 60.0                                 | 33.6                               | 63.8                                     | 6 300*                             | 34.9                               | 65.0                                     | 6 500*                             | 36.7                               | 66.6                                     | 6 800*                             | 38.5                               | 68.1                                     | 7 200*                             | 60.0                                 |
| 62.0                                 | 30.3                               | 60.5                                     | 5 800*                             | 31.7                               | 61.9                                     | 6 100*                             | 33.7                               | 63.8                                     | 6 300*                             | 35.6                               | 65.4                                     | 6 700*                             | 62.0                                 |
| 64.0                                 | 26.7                               | 56.8                                     | 5 400*                             | 28.3                               | 58.4                                     | 5 600*                             | 30.5                               | 60.5                                     | 5 800*                             | 32.6                               | 62.4                                     | 6 100*                             | 64.0                                 |
| 66.0                                 | 22.6                               | 52.3                                     | 5 000*                             | 24.4                               | 54.2                                     | 5 200*                             | 26.9                               | 56.8                                     | 5 400*                             | 29.2                               | 59.0                                     | 5 700*                             | 66.0                                 |
| 68.0                                 | 17.5                               | 46.6                                     | 4 500*                             | 19.8                               | 49.2                                     | 4 700*                             | 22.8                               | 52.3                                     | 5 000*                             | 25.5                               | 55.0                                     | 5 200*                             | 68.0                                 |
| 70.0                                 | 10.2                               | 38.2                                     | 3 200*                             | 13.8                               | 42.3                                     | 4 100*                             | 17.9                               | 46.8                                     | 4 600*                             | 21.1                               | 50.2                                     | 4 800*                             | 70.0                                 |
| 72.0                                 |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 15.6                               | 44.0                                     | 4 500*                             | 72.0                                 |



# Liftcrane Fixed Jib Capacities

**999 SERIES 3**

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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

## 24.4m (80 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib, 9.1m (30 Ft.) Fixed Jib

| Fixed Jib<br>Oper.<br>Rad.<br>Meters | 88 Degree<br>Boom Angle            |                                          |                                    | 86 Degree<br>Boom Angle            |                                          |                                    | 83 Degree<br>Boom Angle            |                                          |                                    | 80 Degree<br>Boom Angle            |                                          |                                    | Fixed Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|--------------------------------------|
|                                      | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms |                                      |
| 22.9                                 | 74.3                               | 95.0                                     | 16 300*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 22.9                                 |
| 24.0                                 | 73.4                               | 94.6                                     | 16 200*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 24.0                                 |
| 26.0                                 | 71.7                               | 94.0                                     | 16 000*                            | 72.4                               | 94.2                                     | 18 500*                            |                                    |                                          |                                    |                                    |                                          |                                    | 26.0                                 |
| 28.0                                 | 70.0                               | 93.2                                     | 15 800*                            | 70.7                               | 93.5                                     | 18 300*                            |                                    |                                          |                                    |                                    |                                          |                                    | 28.0                                 |
| 30.0                                 | 68.2                               | 92.5                                     | 15 600*                            | 69.0                               | 92.7                                     | 18 100*                            |                                    |                                          |                                    |                                    |                                          |                                    | 30.0                                 |
| 32.0                                 | 66.5                               | 91.6                                     | 15 400*                            | 67.2                               | 91.9                                     | 17 500*                            | 68.3                               | 92.3                                     | 17 800*                            |                                    |                                          |                                    | 32.0                                 |
| 34.0                                 | 64.7                               | 90.7                                     | 15 200*                            | 65.4                               | 91.0                                     | 16 800*                            | 66.6                               | 91.4                                     | 17 400*                            |                                    |                                          |                                    | 34.0                                 |
| 36.0                                 | 62.9                               | 89.7                                     | 14 900*                            | 63.6                               | 90.0                                     | 16 100*                            | 64.8                               | 90.5                                     | 16 700*                            | 65.9                               | 90.9                                     | 17 000*                            | 36.0                                 |
| 38.0                                 | 61.0                               | 88.6                                     | 14 200*                            | 61.8                               | 89.0                                     | 15 400*                            | 63.0                               | 89.5                                     | 16 000*                            | 64.1                               | 89.9                                     | 16 500*                            | 38.0                                 |
| 40.0                                 | 59.2                               | 87.4                                     | 13 400*                            | 60.0                               | 87.8                                     | 14 200*                            | 61.1                               | 88.4                                     | 15 100*                            | 62.3                               | 88.9                                     | 15 800*                            | 40.0                                 |
| 42.0                                 | 57.2                               | 86.1                                     | 12 500*                            | 58.1                               | 86.6                                     | 13 000*                            | 59.3                               | 87.2                                     | 13 700*                            | 60.4                               | 87.8                                     | 14 600*                            | 42.0                                 |
| 44.0                                 | 55.3                               | 84.8                                     | 11 500*                            | 56.1                               | 85.3                                     | 12 000*                            | 57.4                               | 86.0                                     | 12 600*                            | 58.6                               | 86.6                                     | 13 300*                            | 44.0                                 |
| 46.0                                 | 53.3                               | 83.3                                     | 10 600*                            | 54.1                               | 83.9                                     | 11 000*                            | 55.4                               | 84.6                                     | 11 600*                            | 56.6                               | 85.3                                     | 12 200*                            | 46.0                                 |
| 48.0                                 | 51.2                               | 81.7                                     | 9 800*                             | 52.1                               | 82.3                                     | 10 200*                            | 53.4                               | 83.2                                     | 10 700*                            | 54.7                               | 83.9                                     | 11 200*                            | 48.0                                 |
| 50.0                                 | 49.1                               | 80.0                                     | 9 000*                             | 50.0                               | 80.7                                     | 9 400*                             | 51.3                               | 81.6                                     | 9 900*                             | 52.6                               | 82.4                                     | 10 400*                            | 50.0                                 |
| 52.0                                 | 46.9                               | 78.2                                     | 8 300*                             | 47.9                               | 78.9                                     | 8 600*                             | 49.2                               | 79.9                                     | 9 100*                             | 50.6                               | 80.7                                     | 9 500*                             | 52.0                                 |
| 54.0                                 | 44.6                               | 76.2                                     | 7 700*                             | 45.6                               | 77.0                                     | 8 000*                             | 47.0                               | 78.1                                     | 8 400*                             | 48.4                               | 79.0                                     | 8 800*                             | 54.0                                 |
| 56.0                                 | 42.3                               | 74.1                                     | 7 100*                             | 43.3                               | 74.9                                     | 7 400*                             | 44.8                               | 76.1                                     | 7 700*                             | 46.2                               | 77.1                                     | 8 100*                             | 56.0                                 |
| 58.0                                 | 39.8                               | 71.7                                     | 6 600*                             | 40.9                               | 72.7                                     | 6 800*                             | 42.4                               | 74.0                                     | 7 100*                             | 43.9                               | 75.1                                     | 7 500*                             | 58.0                                 |
| 60.0                                 | 37.2                               | 69.1                                     | 6 100*                             | 38.3                               | 70.2                                     | 6 300*                             | 39.9                               | 71.6                                     | 6 600*                             | 41.5                               | 72.9                                     | 6 900*                             | 60.0                                 |
| 62.0                                 | 34.4                               | 66.3                                     | 5 600*                             | 35.6                               | 67.5                                     | 5 800*                             | 37.3                               | 69.1                                     | 6 100*                             | 39.0                               | 70.5                                     | 6 400*                             | 62.0                                 |
| 64.0                                 | 31.3                               | 63.1                                     | 5 200*                             | 32.6                               | 64.5                                     | 5 300*                             | 34.5                               | 66.3                                     | 5 600*                             | 36.3                               | 67.8                                     | 5 900*                             | 64.0                                 |
| 66.0                                 | 28.0                               | 59.6                                     | 4 800*                             | 29.5                               | 61.1                                     | 4 900*                             | 31.5                               | 63.1                                     | 5 200*                             | 33.4                               | 64.9                                     | 5 400*                             | 66.0                                 |
| 68.0                                 | 24.3                               | 55.4                                     | 4 400*                             | 25.9                               | 57.2                                     | 4 500*                             | 28.2                               | 59.6                                     | 4 700*                             | 30.3                               | 61.6                                     | 5 000*                             | 68.0                                 |
| 70.0                                 | 19.9                               | 50.3                                     | 4 000*                             | 21.8                               | 52.5                                     | 4 100*                             | 24.5                               | 55.4                                     | 4 400*                             | 26.9                               | 57.9                                     | 4 600*                             | 70.0                                 |
| 72.0                                 | 14.2                               | 43.6                                     | 3 200*                             | 16.8                               | 46.7                                     | 3 700*                             | 20.1                               | 50.4                                     | 4 000*                             | 23.0                               | 53.5                                     | 4 200*                             | 72.0                                 |
| 74.0                                 |                                    |                                          |                                    | 9.4                                | 37.7                                     | 2 600*                             | 14.6                               | 43.8                                     | 3 600*                             | 18.3                               | 48.0                                     | 3 800*                             | 74.0                                 |
| 76.0                                 |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 11.8                               | 40.3                                     | 3 500*                             | 76.0                                 |

# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

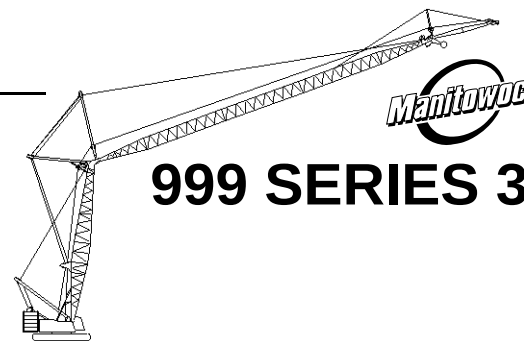
Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



**999 SERIES 3**

**24.4m (80 Ft.) Boom, 64.0m (210 Ft.) Luffing Jib, 9.1m (30 Ft.) Fixed Jib**

| Fixed Jib<br>Oper.<br>Rad.<br>Meters | 88 Degree<br>Boom Angle            |                                          |                                    | 86 Degree<br>Boom Angle            |                                          |                                    | 83 Degree<br>Boom Angle            |                                          |                                    | 80 Degree<br>Boom Angle            |                                          |                                    | Fixed Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|--------------------------------------|
|                                      | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms |                                      |
| 22.9                                 | 75.0                               | 98.1                                     | 14 900*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 22.9                                 |
| 24.0                                 | 74.1                               | 97.8                                     | 14 800*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 24.0                                 |
| 26.0                                 | 72.5                               | 97.2                                     | 14 600*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 26.0                                 |
| 28.0                                 | 70.8                               | 96.5                                     | 14 400*                            | 71.5                               | 96.7                                     | 16 700*                            |                                    |                                          |                                    |                                    |                                          |                                    | 28.0                                 |
| 30.0                                 | 69.2                               | 95.7                                     | 14 200*                            | 69.9                               | 96.0                                     | 16 500*                            |                                    |                                          |                                    |                                    |                                          |                                    | 30.0                                 |
| 32.0                                 | 67.5                               | 94.9                                     | 14 100*                            | 68.2                               | 95.2                                     | 16 300*                            | 69.3                               | 95.6                                     | 16 200*                            |                                    |                                          |                                    | 32.0                                 |
| 34.0                                 | 65.8                               | 94.0                                     | 13 800*                            | 66.5                               | 94.4                                     | 15 700*                            | 67.6                               | 94.7                                     | 16 000*                            |                                    |                                          |                                    | 34.0                                 |
| 36.0                                 | 64.1                               | 93.1                                     | 13 700*                            | 64.8                               | 93.4                                     | 15 000*                            | 65.9                               | 93.9                                     | 15 600*                            |                                    |                                          |                                    | 36.0                                 |
| 38.0                                 | 62.3                               | 92.0                                     | 13 500*                            | 63.1                               | 92.4                                     | 14 400*                            | 64.2                               | 92.9                                     | 14 900*                            | 65.3                               | 93.3                                     | 15 400*                            | 38.0                                 |
| 40.0                                 | 60.6                               | 90.9                                     | 12 900*                            | 61.3                               | 91.3                                     | 13 800*                            | 62.4                               | 91.9                                     | 14 400*                            | 63.5                               | 92.3                                     | 14 800*                            | 40.0                                 |
| 42.0                                 | 58.8                               | 89.7                                     | 12 200*                            | 59.5                               | 90.2                                     | 12 800*                            | 60.7                               | 90.8                                     | 13 600*                            | 61.8                               | 91.3                                     | 14 200*                            | 42.0                                 |
| 44.0                                 | 56.9                               | 88.5                                     | 11 300*                            | 57.7                               | 88.9                                     | 11 700*                            | 58.9                               | 89.6                                     | 12 400*                            | 60.0                               | 90.1                                     | 13 100*                            | 44.0                                 |
| 46.0                                 | 55.0                               | 87.1                                     | 10 400*                            | 55.8                               | 87.6                                     | 10 800*                            | 57.0                               | 88.3                                     | 11 400*                            | 58.2                               | 88.9                                     | 12 000*                            | 46.0                                 |
| 48.0                                 | 53.1                               | 85.6                                     | 9 600*                             | 53.9                               | 86.2                                     | 9 900*                             | 55.1                               | 86.9                                     | 10 400*                            | 56.3                               | 87.6                                     | 11 000*                            | 48.0                                 |
| 50.0                                 | 51.1                               | 84.0                                     | 8 800*                             | 52.0                               | 84.6                                     | 9 100*                             | 53.2                               | 85.5                                     | 9 600*                             | 54.4                               | 86.2                                     | 10 200*                            | 50.0                                 |
| 52.0                                 | 49.1                               | 82.3                                     | 8 100*                             | 50.0                               | 83.0                                     | 8 400*                             | 51.3                               | 83.9                                     | 8 900*                             | 52.5                               | 84.7                                     | 9 400*                             | 52.0                                 |
| 54.0                                 | 47.0                               | 80.5                                     | 7 500*                             | 47.9                               | 81.2                                     | 7 800*                             | 49.2                               | 82.2                                     | 8 200*                             | 50.5                               | 83.1                                     | 8 600*                             | 54.0                                 |
| 56.0                                 | 44.8                               | 78.5                                     | 6 900*                             | 45.8                               | 79.3                                     | 7 100*                             | 47.1                               | 80.4                                     | 7 500*                             | 48.5                               | 81.3                                     | 7 900*                             | 56.0                                 |
| 58.0                                 | 42.6                               | 76.4                                     | 6 400*                             | 43.5                               | 77.2                                     | 6 600*                             | 45.0                               | 78.4                                     | 6 900*                             | 46.3                               | 79.4                                     | 7 300*                             | 58.0                                 |
| 60.0                                 | 40.2                               | 74.1                                     | 5 800*                             | 41.2                               | 75.0                                     | 6 100*                             | 42.7                               | 76.3                                     | 6 400*                             | 44.1                               | 77.4                                     | 6 700*                             | 60.0                                 |
| 62.0                                 | 37.7                               | 71.6                                     | 5 400*                             | 38.8                               | 72.6                                     | 5 500*                             | 40.3                               | 74.0                                     | 5 900*                             | 41.8                               | 75.2                                     | 6 200*                             | 62.0                                 |
| 64.0                                 | 35.1                               | 68.8                                     | 4 900*                             | 36.2                               | 69.9                                     | 5 100*                             | 37.9                               | 71.5                                     | 5 400*                             | 39.4                               | 72.9                                     | 5 700*                             | 64.0                                 |
| 66.0                                 | 32.2                               | 65.7                                     | 4 500*                             | 33.5                               | 67.0                                     | 4 700*                             | 35.2                               | 68.7                                     | 4 900*                             | 36.9                               | 70.3                                     | 5 200*                             | 66.0                                 |
| 68.0                                 | 29.1                               | 62.3                                     | 4 100*                             | 30.5                               | 63.7                                     | 4 300*                             | 32.4                               | 65.7                                     | 4 500*                             | 34.2                               | 67.4                                     | 4 800*                             | 68.0                                 |
| 70.0                                 | 25.7                               | 58.3                                     | 3 800*                             | 27.2                               | 60.0                                     | 3 900*                             | 29.3                               | 62.3                                     | 4 100*                             | 31.3                               | 64.2                                     | 4 400*                             | 70.0                                 |
| 72.0                                 | 21.8                               | 53.7                                     | 3 400*                             | 23.5                               | 55.7                                     | 3 600*                             | 25.9                               | 58.4                                     | 3 800*                             | 28.1                               | 60.7                                     | 4 000*                             | 72.0                                 |
| 74.0                                 | 17.0                               | 47.8                                     | 3 000*                             | 19.2                               | 50.5                                     | 3 200*                             | 22.0                               | 53.8                                     | 3 400*                             | 24.6                               | 56.5                                     | 3 600*                             | 74.0                                 |
| 76.0                                 | 10.2                               | 39.2                                     | 1 900*                             | 13.5                               | 43.4                                     | 2 700*                             | 17.3                               | 48.0                                     | 3 100*                             | 20.4                               | 51.6                                     | 3 300*                             | 76.0                                 |
| 78.0                                 |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 15.2                               | 45.2                                     | 3 000*                             | 78.0                                 |



# Liftcrane Fixed Jib Capacities

**999 SERIES 3**

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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

**24.4m (80 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib, 12.2m (40 Ft.) Fixed Jib**

| Fixed Jib Oper. Rad. Meters | 88 Degree Boom Angle      |                              |                              | 86 Degree Boom Angle      |                              |                              | 83 Degree Boom Angle      |                              |                              | 80 Degree Boom Angle      |                              |                              | Fixed Jib Oper. Rad. Meters |
|-----------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|-----------------------------|
|                             | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms |                             |
| 21.3                        | 74.7                      | 89.0                         | 18 300*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 21.3                        |
| 22.0                        | 74.0                      | 88.8                         | 18 300*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 22.0                        |
| 24.0                        | 72.2                      | 88.2                         | 18 200*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 24.0                        |
| 26.0                        | 70.3                      | 87.4                         | 18 000*                      | 71.1                      | 87.7                         | 18 900*                      |                           |                              |                              |                           |                              |                              | 26.0                        |
| 28.0                        | 68.4                      | 86.7                         | 17 200*                      | 69.2                      | 86.9                         | 17 700*                      |                           |                              |                              |                           |                              |                              | 28.0                        |
| 30.0                        | 66.5                      | 85.8                         | 16 100*                      | 67.3                      | 86.1                         | 16 700*                      | 68.5                      | 86.5                         | 17 500*                      |                           |                              |                              | 30.0                        |
| 32.0                        | 64.5                      | 84.8                         | 15 200*                      | 65.4                      | 85.2                         | 15 700*                      | 66.6                      | 85.6                         | 16 500*                      |                           |                              |                              | 32.0                        |
| 34.0                        | 62.5                      | 83.8                         | 14 400*                      | 63.4                      | 84.2                         | 14 900*                      | 64.6                      | 84.7                         | 15 600*                      | 65.9                      | 85.0                         | 16 300*                      | 34.0                        |
| 36.0                        | 60.5                      | 82.6                         | 13 600*                      | 61.4                      | 83.1                         | 14 000*                      | 62.6                      | 83.6                         | 14 800*                      | 63.9                      | 84.1                         | 15 400*                      | 36.0                        |
| 38.0                        | 58.4                      | 81.4                         | 12 900*                      | 59.3                      | 81.9                         | 13 300*                      | 60.6                      | 82.5                         | 14 000*                      | 61.9                      | 83.0                         | 14 600*                      | 38.0                        |
| 40.0                        | 56.3                      | 80.1                         | 12 200*                      | 57.2                      | 80.6                         | 12 600*                      | 58.5                      | 81.3                         | 13 200*                      | 59.8                      | 81.8                         | 13 800*                      | 40.0                        |
| 42.0                        | 54.1                      | 78.6                         | 11 600*                      | 55.0                      | 79.2                         | 12 000*                      | 56.4                      | 79.9                         | 12 600*                      | 57.8                      | 80.6                         | 13 100*                      | 42.0                        |
| 44.0                        | 51.9                      | 77.1                         | 11 100*                      | 52.8                      | 77.7                         | 11 400*                      | 54.2                      | 78.5                         | 12 000*                      | 55.6                      | 79.2                         | 12 500*                      | 44.0                        |
| 46.0                        | 49.5                      | 75.4                         | 10 600*                      | 50.5                      | 76.0                         | 10 900*                      | 52.0                      | 76.9                         | 11 400*                      | 53.4                      | 77.7                         | 11 900*                      | 46.0                        |
| 48.0                        | 47.1                      | 73.5                         | 10 100*                      | 48.2                      | 74.3                         | 10 400*                      | 49.7                      | 75.3                         | 10 900*                      | 51.1                      | 76.1                         | 11 400*                      | 48.0                        |
| 50.0                        | 44.6                      | 71.5                         | 9 600*                       | 45.7                      | 72.3                         | 10 000*                      | 47.3                      | 73.4                         | 10 500*                      | 48.8                      | 74.4                         | 10 900*                      | 50.0                        |
| 52.0                        | 42.0                      | 69.3                         | 8 900*                       | 43.1                      | 70.2                         | 9 400*                       | 44.8                      | 71.4                         | 9 900*                       | 46.4                      | 72.5                         | 10 300*                      | 52.0                        |
| 54.0                        | 39.2                      | 66.9                         | 8 300*                       | 40.4                      | 67.9                         | 8 800*                       | 42.2                      | 69.2                         | 9 200*                       | 43.8                      | 70.4                         | 9 600*                       | 54.0                        |
| 56.0                        | 36.3                      | 64.2                         | 7 800*                       | 37.6                      | 65.3                         | 8 100*                       | 39.4                      | 66.8                         | 8 500*                       | 41.2                      | 68.1                         | 8 900*                       | 56.0                        |
| 58.0                        | 33.1                      | 61.2                         | 7 200*                       | 34.5                      | 62.5                         | 7 500*                       | 36.4                      | 64.2                         | 7 900*                       | 38.3                      | 65.6                         | 8 300*                       | 58.0                        |
| 60.0                        | 29.6                      | 57.8                         | 6 800*                       | 31.1                      | 59.2                         | 7 000*                       | 33.3                      | 61.2                         | 7 400*                       | 35.3                      | 62.9                         | 7 700*                       | 60.0                        |
| 62.0                        | 25.6                      | 53.8                         | 6 400*                       | 27.4                      | 55.5                         | 6 600*                       | 29.8                      | 57.8                         | 6 800*                       | 32.0                      | 59.7                         | 7 200*                       | 62.0                        |
| 64.0                        | 20.9                      | 48.9                         | 5 900*                       | 23.0                      | 51.1                         | 6 100*                       | 25.9                      | 53.8                         | 6 300*                       | 28.4                      | 56.2                         | 6 700*                       | 64.0                        |
| 66.0                        | 14.8                      | 42.3                         | 5 100*                       | 17.7                      | 45.4                         | 5 600*                       | 21.2                      | 49.0                         | 5 900*                       | 24.3                      | 51.9                         | 6 200*                       | 66.0                        |
| 68.0                        |                           |                              |                              | 9.6                       | 36.4                         | 4 300*                       | 15.3                      | 42.5                         | 5 500*                       | 19.3                      | 46.6                         | 5 700*                       | 68.0                        |
| 70.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 12.3                      | 39.0                         | 5 300*                       | 70.0                        |

# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

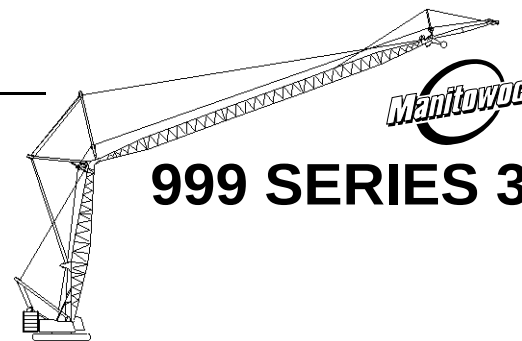
Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



**999 SERIES 3**

**24.4m (80 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib, 12.2m (40 Ft.) Fixed Jib**

| Fixed Jib<br>Oper.<br>Rad.<br>Meters | 88 Degree<br>Boom Angle            |                                          |                                    | 86 Degree<br>Boom Angle            |                                          |                                    | 83 Degree<br>Boom Angle            |                                          |                                    | 80 Degree<br>Boom Angle            |                                          |                                    | Fixed Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|--------------------------------------|
|                                      | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms |                                      |
| 22.9                                 | 74.0                               | 91.7                                     | 16 900*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 22.9                                 |
| 24.0                                 | 73.0                               | 91.4                                     | 16 800*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 24.0                                 |
| 26.0                                 | 71.2                               | 90.7                                     | 16 700*                            | 72.0                               | 90.9                                     | 18 100*                            |                                    |                                          |                                    |                                    |                                          |                                    | 26.0                                 |
| 28.0                                 | 69.4                               | 89.9                                     | 16 400*                            | 70.2                               | 90.2                                     | 17 000*                            |                                    |                                          |                                    |                                    |                                          |                                    | 28.0                                 |
| 30.0                                 | 67.6                               | 89.1                                     | 15 400*                            | 68.4                               | 89.4                                     | 15 900*                            |                                    |                                          |                                    |                                    |                                          |                                    | 30.0                                 |
| 32.0                                 | 65.7                               | 88.2                                     | 14 500*                            | 66.5                               | 88.5                                     | 15 000*                            | 67.7                               | 88.9                                     | 15 700*                            |                                    |                                          |                                    | 32.0                                 |
| 34.0                                 | 63.9                               | 87.2                                     | 13 700*                            | 64.7                               | 87.6                                     | 14 200*                            | 65.9                               | 88.0                                     | 14 900*                            |                                    |                                          |                                    | 34.0                                 |
| 36.0                                 | 62.0                               | 86.2                                     | 13 000*                            | 62.8                               | 86.6                                     | 13 400*                            | 64.0                               | 87.1                                     | 14 000*                            | 65.2                               | 87.5                                     | 14 700*                            | 36.0                                 |
| 38.0                                 | 60.0                               | 85.0                                     | 12 300*                            | 60.8                               | 85.4                                     | 12 700*                            | 62.1                               | 86.0                                     | 13 300*                            | 63.3                               | 86.5                                     | 13 900*                            | 38.0                                 |
| 40.0                                 | 58.0                               | 83.8                                     | 11 700*                            | 58.9                               | 84.2                                     | 12 100*                            | 60.1                               | 84.8                                     | 12 700*                            | 61.3                               | 85.4                                     | 13 200*                            | 40.0                                 |
| 42.0                                 | 56.0                               | 82.4                                     | 11 100*                            | 56.8                               | 82.9                                     | 11 500*                            | 58.1                               | 83.6                                     | 12 000*                            | 59.4                               | 84.2                                     | 12 600*                            | 42.0                                 |
| 44.0                                 | 53.9                               | 81.0                                     | 10 600*                            | 54.8                               | 81.5                                     | 10 900*                            | 56.1                               | 82.3                                     | 11 500*                            | 57.4                               | 82.9                                     | 11 900*                            | 44.0                                 |
| 46.0                                 | 51.7                               | 79.4                                     | 10 100*                            | 52.7                               | 80.0                                     | 10 500*                            | 54.0                               | 80.8                                     | 10 900*                            | 55.3                               | 81.5                                     | 11 400*                            | 46.0                                 |
| 48.0                                 | 49.5                               | 77.7                                     | 9 700*                             | 50.5                               | 78.3                                     | 10 000*                            | 51.9                               | 79.2                                     | 10 400*                            | 53.2                               | 80.0                                     | 10 900*                            | 48.0                                 |
| 50.0                                 | 47.2                               | 75.8                                     | 9 300*                             | 48.2                               | 76.6                                     | 9 500*                             | 49.7                               | 77.6                                     | 10 000*                            | 51.0                               | 78.4                                     | 10 400*                            | 50.0                                 |
| 52.0                                 | 44.8                               | 73.8                                     | 8 900*                             | 45.9                               | 74.6                                     | 9 200*                             | 47.4                               | 75.7                                     | 9 600*                             | 48.8                               | 76.7                                     | 9 900*                             | 52.0                                 |
| 54.0                                 | 42.3                               | 71.7                                     | 8 200*                             | 43.4                               | 72.5                                     | 8 500*                             | 45.0                               | 73.7                                     | 8 900*                             | 46.5                               | 74.8                                     | 9 300*                             | 54.0                                 |
| 56.0                                 | 39.7                               | 69.3                                     | 7 600*                             | 40.9                               | 70.3                                     | 7 900*                             | 42.5                               | 71.6                                     | 8 300*                             | 44.1                               | 72.7                                     | 8 600*                             | 56.0                                 |
| 58.0                                 | 36.9                               | 66.7                                     | 7 100*                             | 38.1                               | 67.7                                     | 7 300*                             | 39.9                               | 69.2                                     | 7 700*                             | 41.5                               | 70.5                                     | 8 000*                             | 58.0                                 |
| 60.0                                 | 33.9                               | 63.8                                     | 6 600*                             | 35.2                               | 65.0                                     | 6 800*                             | 37.1                               | 66.6                                     | 7 100*                             | 38.9                               | 68.0                                     | 7 500*                             | 60.0                                 |
| 62.0                                 | 30.7                               | 60.5                                     | 6 100*                             | 32.1                               | 61.8                                     | 6 300*                             | 34.1                               | 63.7                                     | 6 600*                             | 36.0                               | 65.3                                     | 6 900*                             | 62.0                                 |
| 64.0                                 | 27.1                               | 56.7                                     | 5 700*                             | 28.7                               | 58.3                                     | 5 800*                             | 30.9                               | 60.4                                     | 6 100*                             | 33.0                               | 62.3                                     | 6 400*                             | 64.0                                 |
| 66.0                                 | 22.9                               | 52.2                                     | 5 300*                             | 24.8                               | 54.1                                     | 5 400*                             | 27.3                               | 56.7                                     | 5 700*                             | 29.6                               | 58.9                                     | 5 900*                             | 66.0                                 |
| 68.0                                 | 17.9                               | 46.5                                     | 4 700*                             | 20.2                               | 49.1                                     | 5 000*                             | 23.2                               | 52.3                                     | 5 200*                             | 25.9                               | 54.9                                     | 5 500*                             | 68.0                                 |
| 70.0                                 | 10.4                               | 38.0                                     | 3 500*                             | 14.1                               | 42.2                                     | 4 400*                             | 18.2                               | 46.7                                     | 4 900*                             | 21.5                               | 50.1                                     | 5 100*                             | 70.0                                 |
| 72.0                                 |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 15.9                               | 43.9                                     | 4 700*                             | 72.0                                 |



# Liftcrane Fixed Jib Capacities

**999 SERIES 3**

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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

## 24.4m (80 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib, 12.2m (40 Ft.) Fixed Jib

| Fixed Jib Oper. Rad. Meters | 88 Degree Boom Angle      |                              |                              | 86 Degree Boom Angle      |                              |                              | 83 Degree Boom Angle      |                              |                              | 80 Degree Boom Angle      |                              |                              | Fixed Jib Oper. Rad. Meters |
|-----------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|-----------------------------|
|                             | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms |                             |
| 22.9                        | 74.7                      | 94.9                         | 15 600*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 22.9                        |
| 24.0                        | 73.8                      | 94.6                         | 15 500*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 24.0                        |
| 26.0                        | 72.1                      | 93.9                         | 15 400*                      | 72.8                      | 94.1                         | 17 800*                      |                           |                              |                              |                           |                              |                              | 26.0                        |
| 28.0                        | 70.4                      | 93.2                         | 15 200*                      | 71.1                      | 93.5                         | 17 500*                      |                           |                              |                              |                           |                              |                              | 28.0                        |
| 30.0                        | 68.6                      | 92.4                         | 15 100*                      | 69.4                      | 92.7                         | 16 400*                      |                           |                              |                              |                           |                              |                              | 30.0                        |
| 32.0                        | 66.9                      | 91.6                         | 15 000*                      | 67.6                      | 91.9                         | 15 500*                      | 68.7                      | 92.2                         | 16 200*                      |                           |                              |                              | 32.0                        |
| 34.0                        | 65.1                      | 90.6                         | 14 200*                      | 65.8                      | 91.0                         | 14 600*                      | 67.0                      | 91.4                         | 15 300*                      |                           |                              |                              | 34.0                        |
| 36.0                        | 63.3                      | 89.6                         | 13 400*                      | 64.0                      | 90.0                         | 13 900*                      | 65.2                      | 90.5                         | 14 600*                      |                           |                              |                              | 36.0                        |
| 38.0                        | 61.4                      | 88.5                         | 12 800*                      | 62.2                      | 88.9                         | 13 200*                      | 63.4                      | 89.5                         | 13 800*                      | 64.5                      | 89.9                         | 14 400*                      | 38.0                        |
| 40.0                        | 59.6                      | 87.4                         | 12 200*                      | 60.4                      | 87.8                         | 12 600*                      | 61.5                      | 88.4                         | 13 200*                      | 62.7                      | 88.8                         | 13 700*                      | 40.0                        |
| 42.0                        | 57.6                      | 86.1                         | 11 600*                      | 58.5                      | 86.6                         | 12 000*                      | 59.7                      | 87.2                         | 12 500*                      | 60.8                      | 87.7                         | 13 100*                      | 42.0                        |
| 44.0                        | 55.7                      | 84.7                         | 11 100*                      | 56.5                      | 85.2                         | 11 400*                      | 57.8                      | 85.9                         | 12 000*                      | 59.0                      | 86.5                         | 12 400*                      | 44.0                        |
| 46.0                        | 53.7                      | 83.3                         | 10 600*                      | 54.5                      | 83.8                         | 11 000*                      | 55.8                      | 84.6                         | 11 400*                      | 57.0                      | 85.2                         | 11 900*                      | 46.0                        |
| 48.0                        | 51.6                      | 81.7                         | 10 100*                      | 52.5                      | 82.3                         | 10 400*                      | 53.8                      | 83.1                         | 10 900*                      | 55.1                      | 83.8                         | 11 400*                      | 48.0                        |
| 50.0                        | 49.5                      | 80.0                         | 9 400*                       | 50.4                      | 80.6                         | 9 700*                       | 51.7                      | 81.5                         | 10 300*                      | 53.0                      | 82.3                         | 10 700*                      | 50.0                        |
| 52.0                        | 47.3                      | 78.1                         | 8 700*                       | 48.2                      | 78.9                         | 9 000*                       | 49.6                      | 79.9                         | 9 500*                       | 51.0                      | 80.7                         | 9 900*                       | 52.0                        |
| 54.0                        | 45.0                      | 76.2                         | 8 100*                       | 46.0                      | 77.0                         | 8 400*                       | 47.4                      | 78.0                         | 8 800*                       | 48.8                      | 79.0                         | 9 200*                       | 54.0                        |
| 56.0                        | 42.7                      | 74.0                         | 7 500*                       | 43.7                      | 74.9                         | 7 700*                       | 45.2                      | 76.1                         | 8 100*                       | 46.6                      | 77.1                         | 8 500*                       | 56.0                        |
| 58.0                        | 40.2                      | 71.7                         | 6 900*                       | 41.2                      | 72.6                         | 7 100*                       | 42.8                      | 73.9                         | 7 500*                       | 44.3                      | 75.1                         | 7 900*                       | 58.0                        |
| 60.0                        | 37.5                      | 69.1                         | 6 400*                       | 38.7                      | 70.1                         | 6 600*                       | 40.3                      | 71.6                         | 7 000*                       | 41.9                      | 72.8                         | 7 300*                       | 60.0                        |
| 62.0                        | 34.7                      | 66.3                         | 6 000*                       | 35.9                      | 67.4                         | 6 100*                       | 37.7                      | 69.0                         | 6 400*                       | 39.4                      | 70.4                         | 6 700*                       | 62.0                        |
| 64.0                        | 31.7                      | 63.1                         | 5 500*                       | 33.0                      | 64.4                         | 5 700*                       | 34.9                      | 66.2                         | 5 900*                       | 36.7                      | 67.8                         | 6 300*                       | 64.0                        |
| 66.0                        | 28.4                      | 59.5                         | 5 100*                       | 29.8                      | 61.0                         | 5 300*                       | 31.9                      | 63.1                         | 5 500*                       | 33.8                      | 64.8                         | 5 800*                       | 66.0                        |
| 68.0                        | 24.6                      | 55.3                         | 4 700*                       | 26.3                      | 57.1                         | 4 900*                       | 28.6                      | 59.5                         | 5 100*                       | 30.7                      | 61.6                         | 5 300*                       | 68.0                        |
| 70.0                        | 20.2                      | 50.2                         | 4 300*                       | 22.2                      | 52.5                         | 4 500*                       | 24.9                      | 55.3                         | 4 700*                       | 27.3                      | 57.8                         | 4 900*                       | 70.0                        |
| 72.0                        | 14.5                      | 43.4                         | 3 600*                       | 17.2                      | 46.6                         | 4 100*                       | 20.5                      | 50.3                         | 4 300*                       | 23.3                      | 53.4                         | 4 600*                       | 72.0                        |
| 74.0                        |                           |                              |                              | 9.7                       | 37.5                         | 3 000*                       | 14.9                      | 43.7                         | 4 000*                       | 18.6                      | 47.9                         | 4 200*                       | 74.0                        |
| 76.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 12.1                      | 40.1                         | 3 800*                       | 76.0                        |

# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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



**999 SERIES 3**

## 24.4m (80 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib, 12.2m (40 Ft.) Fixed Jib

| Fixed Jib<br>Oper.<br>Rad.<br>Meters | 88 Degree<br>Boom Angle            |                                          |                                    | 86 Degree<br>Boom Angle            |                                          |                                    | 83 Degree<br>Boom Angle            |                                          |                                    | 80 Degree<br>Boom Angle            |                                          |                                    | Fixed Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|--------------------------------------|
|                                      | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms |                                      |
| 24.4                                 | 74.2                               | 97.6                                     | 14 300*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 24.4                                 |
| 26.0                                 | 72.8                               | 97.1                                     | 14 200*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 26.0                                 |
| 28.0                                 | 71.2                               | 96.5                                     | 14 000*                            | 71.9                               | 96.7                                     | 16 200*                            |                                    |                                          |                                    |                                    |                                          |                                    | 28.0                                 |
| 30.0                                 | 69.5                               | 95.7                                     | 13 900*                            | 70.3                               | 96.0                                     | 15 800*                            |                                    |                                          |                                    |                                    |                                          |                                    | 30.0                                 |
| 32.0                                 | 67.9                               | 94.9                                     | 13 700*                            | 68.6                               | 95.2                                     | 14 900*                            | 69.6                               | 95.5                                     | 15 600*                            |                                    |                                          |                                    | 32.0                                 |
| 34.0                                 | 66.2                               | 94.0                                     | 13 500*                            | 66.9                               | 94.3                                     | 14 100*                            | 68.0                               | 94.7                                     | 14 700*                            |                                    |                                          |                                    | 34.0                                 |
| 36.0                                 | 64.5                               | 93.0                                     | 13 000*                            | 65.2                               | 93.4                                     | 13 400*                            | 66.3                               | 93.8                                     | 14 000*                            |                                    |                                          |                                    | 36.0                                 |
| 38.0                                 | 62.7                               | 92.0                                     | 12 300*                            | 63.5                               | 92.4                                     | 12 700*                            | 64.6                               | 92.9                                     | 13 300*                            | 65.6                               | 93.3                                     | 13 800*                            | 38.0                                 |
| 40.0                                 | 60.9                               | 90.9                                     | 11 700*                            | 61.7                               | 91.3                                     | 12 100*                            | 62.8                               | 91.8                                     | 12 700*                            | 63.9                               | 92.3                                     | 13 200*                            | 40.0                                 |
| 42.0                                 | 59.1                               | 89.7                                     | 11 200*                            | 59.9                               | 90.2                                     | 11 600*                            | 61.0                               | 90.7                                     | 12 000*                            | 62.2                               | 91.2                                     | 12 500*                            | 42.0                                 |
| 44.0                                 | 57.3                               | 88.4                                     | 10 700*                            | 58.1                               | 88.9                                     | 11 000*                            | 59.2                               | 89.6                                     | 11 500*                            | 60.4                               | 90.1                                     | 12 000*                            | 44.0                                 |
| 46.0                                 | 55.4                               | 87.0                                     | 10 200*                            | 56.2                               | 87.6                                     | 10 500*                            | 57.4                               | 88.3                                     | 11 000*                            | 58.6                               | 88.9                                     | 11 400*                            | 46.0                                 |
| 48.0                                 | 53.5                               | 85.6                                     | 9 800*                             | 54.3                               | 86.1                                     | 10 100*                            | 55.5                               | 86.9                                     | 10 500*                            | 56.7                               | 87.5                                     | 10 900*                            | 48.0                                 |
| 50.0                                 | 51.5                               | 84.0                                     | 9 200*                             | 52.4                               | 84.6                                     | 9 500*                             | 53.6                               | 85.4                                     | 10 000*                            | 54.8                               | 86.1                                     | 10 500*                            | 50.0                                 |
| 52.0                                 | 49.5                               | 82.3                                     | 8 500*                             | 50.3                               | 82.9                                     | 8 800*                             | 51.6                               | 83.8                                     | 9 200*                             | 52.9                               | 84.6                                     | 9 700*                             | 52.0                                 |
| 54.0                                 | 47.4                               | 80.4                                     | 7 800*                             | 48.3                               | 81.2                                     | 8 100*                             | 49.6                               | 82.2                                     | 8 500*                             | 50.9                               | 83.0                                     | 9 000*                             | 54.0                                 |
| 56.0                                 | 45.2                               | 78.5                                     | 7 200*                             | 46.1                               | 79.3                                     | 7 500*                             | 47.5                               | 80.3                                     | 7 900*                             | 48.8                               | 81.3                                     | 8 300*                             | 56.0                                 |
| 58.0                                 | 42.9                               | 76.3                                     | 6 700*                             | 43.9                               | 77.2                                     | 6 900*                             | 45.3                               | 78.4                                     | 7 300*                             | 46.7                               | 79.4                                     | 7 600*                             | 58.0                                 |
| 60.0                                 | 40.6                               | 74.0                                     | 6 200*                             | 41.6                               | 75.0                                     | 6 400*                             | 43.1                               | 76.2                                     | 6 700*                             | 44.5                               | 77.4                                     | 7 100*                             | 60.0                                 |
| 62.0                                 | 38.1                               | 71.5                                     | 5 700*                             | 39.1                               | 72.5                                     | 5 900*                             | 40.7                               | 73.9                                     | 6 200*                             | 42.2                               | 75.2                                     | 6 500*                             | 62.0                                 |
| 64.0                                 | 35.4                               | 68.7                                     | 5 300*                             | 36.6                               | 69.9                                     | 5 400*                             | 38.2                               | 71.4                                     | 5 700*                             | 39.8                               | 72.8                                     | 6 000*                             | 64.0                                 |
| 66.0                                 | 32.6                               | 65.7                                     | 4 800*                             | 33.8                               | 66.9                                     | 5 000*                             | 35.6                               | 68.7                                     | 5 300*                             | 37.3                               | 70.2                                     | 5 600*                             | 66.0                                 |
| 68.0                                 | 29.5                               | 62.2                                     | 4 400*                             | 30.8                               | 63.7                                     | 4 600*                             | 32.8                               | 65.6                                     | 4 800*                             | 34.6                               | 67.4                                     | 5 100*                             | 68.0                                 |
| 70.0                                 | 26.1                               | 58.3                                     | 4 100*                             | 27.6                               | 60.0                                     | 4 200*                             | 29.7                               | 62.2                                     | 4 500*                             | 31.6                               | 64.2                                     | 4 700*                             | 70.0                                 |
| 72.0                                 | 22.1                               | 53.6                                     | 3 700*                             | 23.9                               | 55.6                                     | 3 900*                             | 26.3                               | 58.3                                     | 4 100*                             | 28.5                               | 60.6                                     | 4 300*                             | 72.0                                 |
| 74.0                                 | 17.3                               | 47.7                                     | 3 300*                             | 19.5                               | 50.4                                     | 3 500*                             | 22.4                               | 53.7                                     | 3 700*                             | 24.9                               | 56.5                                     | 3 900*                             | 74.0                                 |
| 76.0                                 | 10.4                               | 39.1                                     | 2 200*                             | 13.8                               | 43.3                                     | 3 000*                             | 17.6                               | 47.9                                     | 3 400*                             | 20.8                               | 51.5                                     | 3 600*                             | 76.0                                 |
| 78.0                                 |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 15.5                               | 45.0                                     | 3 300*                             | 78.0                                 |



# Liftcrane Fixed Jib Capacities

**999 SERIES 3**

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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

## 24.4m (80 Ft.) Boom, 64.0m (210 Ft.) Luffing Jib, 12.2m (40 Ft.) Fixed Jib

| Fixed Jib Oper. Rad. Meters | 88 Degree Boom Angle      |                              |                              | 86 Degree Boom Angle      |                              |                              | 83 Degree Boom Angle      |                              |                              | 80 Degree Boom Angle      |                              |                              | Fixed Jib Oper. Rad. Meters |
|-----------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|-----------------------------|
|                             | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms |                             |
| 24.4                        | 74.8                      | 100.8                        | 13 200*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 24.4                        |
| 26.0                        | 73.5                      | 100.3                        | 13 100*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 26.0                        |
| 28.0                        | 72.0                      | 99.7                         | 12 900*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 28.0                        |
| 30.0                        | 70.4                      | 99.0                         | 12 700*                      | 71.1                      | 99.2                         | 14 800*                      |                           |                              |                              |                           |                              |                              | 30.0                        |
| 32.0                        | 68.8                      | 98.2                         | 12 600*                      | 69.5                      | 98.5                         | 14 100*                      |                           |                              |                              |                           |                              |                              | 32.0                        |
| 34.0                        | 67.2                      | 97.3                         | 12 400*                      | 67.9                      | 97.6                         | 13 400*                      | 68.9                      | 98.0                         | 14 000*                      |                           |                              |                              | 34.0                        |
| 36.0                        | 65.5                      | 96.4                         | 12 200*                      | 66.2                      | 96.8                         | 12 700*                      | 67.3                      | 97.2                         | 13 300*                      |                           |                              |                              | 36.0                        |
| 38.0                        | 63.9                      | 95.5                         | 11 700*                      | 64.6                      | 95.8                         | 12 100*                      | 65.6                      | 96.3                         | 12 600*                      |                           |                              |                              | 38.0                        |
| 40.0                        | 62.2                      | 94.4                         | 11 100*                      | 62.9                      | 94.8                         | 11 500*                      | 64.0                      | 95.3                         | 12 000*                      | 65.0                      | 95.7                         | 12 400*                      | 40.0                        |
| 42.0                        | 60.5                      | 93.3                         | 10 600*                      | 61.2                      | 93.7                         | 10 900*                      | 62.3                      | 94.2                         | 11 400*                      | 63.4                      | 94.7                         | 11 900*                      | 42.0                        |
| 44.0                        | 58.8                      | 92.0                         | 10 100*                      | 59.5                      | 92.5                         | 10 400*                      | 60.6                      | 93.1                         | 10 900*                      | 61.7                      | 93.6                         | 11 300*                      | 44.0                        |
| 46.0                        | 57.0                      | 90.8                         | 9 700*                       | 57.7                      | 91.2                         | 10 000*                      | 58.9                      | 91.9                         | 10 400*                      | 60.0                      | 92.4                         | 10 800*                      | 46.0                        |
| 48.0                        | 55.2                      | 89.4                         | 9 300*                       | 55.9                      | 89.9                         | 9 500*                       | 57.1                      | 90.6                         | 9 900*                       | 58.2                      | 91.2                         | 10 300*                      | 48.0                        |
| 50.0                        | 53.3                      | 87.9                         | 8 900*                       | 54.1                      | 88.4                         | 9 200*                       | 55.3                      | 89.2                         | 9 500*                       | 56.4                      | 89.9                         | 9 900*                       | 50.0                        |
| 52.0                        | 51.4                      | 86.3                         | 8 200*                       | 52.2                      | 86.9                         | 8 600*                       | 53.4                      | 87.7                         | 9 000*                       | 54.6                      | 88.5                         | 9 500*                       | 52.0                        |
| 54.0                        | 49.5                      | 84.6                         | 7 600*                       | 50.3                      | 85.2                         | 7 900*                       | 51.5                      | 86.2                         | 8 300*                       | 52.7                      | 86.9                         | 8 700*                       | 54.0                        |
| 56.0                        | 47.4                      | 82.8                         | 7 000*                       | 48.3                      | 83.5                         | 7 300*                       | 49.6                      | 84.5                         | 7 700*                       | 50.8                      | 85.3                         | 8 100*                       | 56.0                        |
| 58.0                        | 45.4                      | 80.8                         | 6 500*                       | 46.2                      | 81.6                         | 6 700*                       | 47.6                      | 82.6                         | 7 000*                       | 48.8                      | 83.6                         | 7 400*                       | 58.0                        |
| 60.0                        | 43.2                      | 78.7                         | 5 900*                       | 44.1                      | 79.5                         | 6 200*                       | 45.5                      | 80.7                         | 6 500*                       | 46.8                      | 81.7                         | 6 800*                       | 60.0                        |
| 62.0                        | 40.9                      | 76.4                         | 5 500*                       | 41.9                      | 77.3                         | 5 700*                       | 43.3                      | 78.6                         | 6 000*                       | 44.7                      | 79.7                         | 6 300*                       | 62.0                        |
| 64.0                        | 38.6                      | 73.9                         | 5 000*                       | 39.6                      | 74.9                         | 5 200*                       | 41.1                      | 76.3                         | 5 500*                       | 42.5                      | 77.5                         | 5 800*                       | 64.0                        |
| 66.0                        | 36.1                      | 71.2                         | 4 600*                       | 37.1                      | 72.3                         | 4 800*                       | 38.7                      | 73.8                         | 5 100*                       | 40.2                      | 75.2                         | 5 300*                       | 66.0                        |
| 68.0                        | 33.4                      | 68.2                         | 4 200*                       | 34.5                      | 69.4                         | 4 400*                       | 36.2                      | 71.1                         | 4 700*                       | 37.8                      | 72.6                         | 4 900*                       | 68.0                        |
| 70.0                        | 30.5                      | 64.9                         | 3 900*                       | 31.7                      | 66.3                         | 4 000*                       | 33.5                      | 68.2                         | 4 200*                       | 35.2                      | 69.8                         | 4 500*                       | 70.0                        |
| 72.0                        | 27.3                      | 61.1                         | 3 500*                       | 28.7                      | 62.7                         | 3 600*                       | 30.7                      | 64.9                         | 3 900*                       | 32.5                      | 66.8                         | 4 100*                       | 72.0                        |
| 74.0                        | 23.8                      | 56.8                         | 3 200*                       | 25.3                      | 58.7                         | 3 300*                       | 27.5                      | 61.1                         | 3 500*                       | 29.5                      | 63.3                         | 3 700*                       | 74.0                        |
| 76.0                        | 19.6                      | 51.5                         | 2 900*                       | 21.5                      | 53.8                         | 3 000*                       | 24.0                      | 56.8                         | 3 200*                       | 26.3                      | 59.4                         | 3 400*                       | 76.0                        |
| 78.0                        |                           |                              |                              | 16.7                      | 47.7                         | 2 700*                       | 19.8                      | 51.6                         | 2 900*                       | 22.5                      | 54.8                         | 3 100*                       | 78.0                        |
| 80.0                        |                           |                              |                              |                           |                              |                              | 14.5                      | 44.8                         | 2 500*                       | 18.1                      | 49.1                         | 2 700*                       | 80.0                        |
| 82.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 12.0                      | 41.2                         | 2 400*                       | 82.0                        |

# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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



**999 SERIES 3**

**24.4m (80 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib, 15.2m (50 Ft.) Fixed Jib**

| Fixed Jib<br>Oper.<br>Rad.<br>Meters | 88 Degree<br>Boom Angle            |                                          |                                    | 86 Degree<br>Boom Angle            |                                          |                                    | 83 Degree<br>Boom Angle            |                                          |                                    | 80 Degree<br>Boom Angle            |                                          |                                    | Fixed Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|--------------------------------------|
|                                      | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms |                                      |
| 22.9                                 | 74.5                               | 91.8                                     | 14 400*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 22.9                                 |
| 24.0                                 | 73.5                               | 91.5                                     | 14 300*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 24.0                                 |
| 26.0                                 | 71.7                               | 90.8                                     | 14 200*                            | 72.5                               | 91.0                                     | 15 500*                            |                                    |                                          |                                    |                                    |                                          |                                    | 26.0                                 |
| 28.0                                 | 69.9                               | 90.0                                     | 14 000*                            | 70.7                               | 90.3                                     | 15 300*                            |                                    |                                          |                                    |                                    |                                          |                                    | 28.0                                 |
| 30.0                                 | 68.1                               | 89.2                                     | 13 800*                            | 68.9                               | 89.5                                     | 15 000*                            |                                    |                                          |                                    |                                    |                                          |                                    | 30.0                                 |
| 32.0                                 | 66.3                               | 88.3                                     | 13 600*                            | 67.0                               | 88.7                                     | 14 600*                            | 68.2                               | 89.0                                     | 15 000*                            |                                    |                                          |                                    | 32.0                                 |
| 34.0                                 | 64.4                               | 87.4                                     | 13 300*                            | 65.2                               | 87.7                                     | 13 700*                            | 66.4                               | 88.2                                     | 14 500*                            |                                    |                                          |                                    | 34.0                                 |
| 36.0                                 | 62.5                               | 86.3                                     | 12 500*                            | 63.3                               | 86.7                                     | 12 900*                            | 64.5                               | 87.2                                     | 13 600*                            | 65.7                               | 87.6                                     | 14 200*                            | 36.0                                 |
| 38.0                                 | 60.5                               | 85.2                                     | 11 800*                            | 61.4                               | 85.6                                     | 12 200*                            | 62.6                               | 86.1                                     | 12 800*                            | 63.8                               | 86.6                                     | 13 400*                            | 38.0                                 |
| 40.0                                 | 58.5                               | 83.9                                     | 11 200*                            | 59.4                               | 84.4                                     | 11 600*                            | 60.6                               | 85.0                                     | 12 200*                            | 61.9                               | 85.5                                     | 12 700*                            | 40.0                                 |
| 42.0                                 | 56.5                               | 82.6                                     | 10 600*                            | 57.4                               | 83.1                                     | 11 000*                            | 58.7                               | 83.8                                     | 11 500*                            | 59.9                               | 84.3                                     | 12 000*                            | 42.0                                 |
| 44.0                                 | 54.4                               | 81.2                                     | 10 100*                            | 55.3                               | 81.7                                     | 10 400*                            | 56.6                               | 82.4                                     | 10 900*                            | 57.9                               | 83.1                                     | 11 400*                            | 44.0                                 |
| 46.0                                 | 52.3                               | 79.6                                     | 9 600*                             | 53.2                               | 80.2                                     | 10 000*                            | 54.5                               | 81.0                                     | 10 400*                            | 55.9                               | 81.7                                     | 10 900*                            | 46.0                                 |
| 48.0                                 | 50.1                               | 77.9                                     | 9 200*                             | 51.0                               | 78.6                                     | 9 500*                             | 52.4                               | 79.5                                     | 9 900*                             | 53.8                               | 80.2                                     | 10 300*                            | 48.0                                 |
| 50.0                                 | 47.8                               | 76.1                                     | 8 800*                             | 48.8                               | 76.8                                     | 9 000*                             | 50.2                               | 77.8                                     | 9 500*                             | 51.6                               | 78.6                                     | 9 900*                             | 50.0                                 |
| 52.0                                 | 45.4                               | 74.1                                     | 8 400*                             | 46.4                               | 74.9                                     | 8 600*                             | 47.9                               | 76.0                                     | 9 000*                             | 49.4                               | 76.9                                     | 9 400*                             | 52.0                                 |
| 54.0                                 | 42.9                               | 72.0                                     | 8 000*                             | 44.0                               | 72.8                                     | 8 300*                             | 45.6                               | 74.0                                     | 8 600*                             | 47.1                               | 75.0                                     | 9 000*                             | 54.0                                 |
| 56.0                                 | 40.3                               | 69.6                                     | 7 700*                             | 41.5                               | 70.6                                     | 7 900*                             | 43.1                               | 71.9                                     | 8 300*                             | 44.7                               | 73.0                                     | 8 600*                             | 56.0                                 |
| 58.0                                 | 37.6                               | 67.0                                     | 7 200*                             | 38.8                               | 68.1                                     | 7 600*                             | 40.5                               | 69.5                                     | 8 000*                             | 42.1                               | 70.8                                     | 8 300*                             | 58.0                                 |
| 60.0                                 | 34.6                               | 64.2                                     | 6 800*                             | 35.9                               | 65.4                                     | 7 300*                             | 37.7                               | 67.0                                     | 7 600*                             | 39.5                               | 68.4                                     | 7 900*                             | 60.0                                 |
| 62.0                                 | 31.4                               | 60.9                                     | 6 400*                             | 32.8                               | 62.3                                     | 6 800*                             | 34.8                               | 64.1                                     | 7 100*                             | 36.7                               | 65.7                                     | 7 400*                             | 62.0                                 |
| 64.0                                 | 27.9                               | 57.2                                     | 6 000*                             | 29.4                               | 58.8                                     | 6 300*                             | 31.6                               | 60.9                                     | 6 600*                             | 33.6                               | 62.7                                     | 6 900*                             | 64.0                                 |
| 66.0                                 | 23.8                               | 52.9                                     | 5 600*                             | 25.6                               | 54.8                                     | 5 800*                             | 28.1                               | 57.2                                     | 6 100*                             | 30.3                               | 59.4                                     | 6 400*                             | 66.0                                 |
| 68.0                                 | 18.9                               | 47.4                                     | 5 200*                             | 21.1                               | 49.8                                     | 5 400*                             | 24.1                               | 52.9                                     | 5 700*                             | 26.7                               | 55.5                                     | 5 900*                             | 68.0                                 |
| 70.0                                 | 12.0                               | 39.5                                     | 4 100*                             | 15.3                               | 43.3                                     | 4 900*                             | 19.2                               | 47.5                                     | 5 300*                             | 22.4                               | 50.9                                     | 5 500*                             | 70.0                                 |
| 72.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 12.5                               | 39.9                                     | 4 700*                             | 17.1                               | 44.9                                     | 5 100*                             | 72.0                                 |



# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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

**999 SERIES 3**

## 24.4m (80 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib, 15.2m (50 Ft.) Fixed Jib

| Fixed Jib Oper. Rad. Meters | 88 Degree Boom Angle      |                              |                              | 86 Degree Boom Angle      |                              |                              | 83 Degree Boom Angle      |                              |                              | 80 Degree Boom Angle      |                              |                              | Fixed Jib Oper. Rad. Meters |
|-----------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|-----------------------------|
|                             | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms |                             |
| 24.4                        | 73.9                      | 94.5                         | 13 600*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 24.4                        |
| 26.0                        | 72.5                      | 94.0                         | 13 500*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 26.0                        |
| 28.0                        | 70.8                      | 93.3                         | 13 400*                      | 71.6                      | 93.5                         | 15 200*                      |                           |                              |                              |                           |                              |                              | 28.0                        |
| 30.0                        | 69.1                      | 92.5                         | 13 300*                      | 69.8                      | 92.8                         | 14 800*                      |                           |                              |                              |                           |                              |                              | 30.0                        |
| 32.0                        | 67.3                      | 91.7                         | 13 100*                      | 68.1                      | 92.0                         | 14 000*                      | 69.2                      | 92.3                         | 14 700*                      |                           |                              |                              | 32.0                        |
| 34.0                        | 65.6                      | 90.8                         | 12 700*                      | 66.3                      | 91.1                         | 13 100*                      | 67.4                      | 91.5                         | 13 800*                      |                           |                              |                              | 34.0                        |
| 36.0                        | 63.8                      | 89.8                         | 12 000*                      | 64.5                      | 90.1                         | 12 400*                      | 65.7                      | 90.6                         | 13 000*                      |                           |                              |                              | 36.0                        |
| 38.0                        | 61.9                      | 88.7                         | 11 300*                      | 62.7                      | 89.1                         | 11 700*                      | 63.9                      | 89.6                         | 12 300*                      | 65.0                      | 90.0                         | 12 800*                      | 38.0                        |
| 40.0                        | 60.1                      | 87.5                         | 10 700*                      | 60.9                      | 88.0                         | 11 100*                      | 62.0                      | 88.5                         | 11 600*                      | 63.2                      | 89.0                         | 12 100*                      | 40.0                        |
| 42.0                        | 58.1                      | 86.3                         | 10 200*                      | 59.0                      | 86.7                         | 10 500*                      | 60.2                      | 87.4                         | 11 000*                      | 61.3                      | 87.9                         | 11 500*                      | 42.0                        |
| 44.0                        | 56.2                      | 84.9                         | 9 700*                       | 57.0                      | 85.4                         | 10 000*                      | 58.3                      | 86.1                         | 10 500*                      | 59.5                      | 86.7                         | 10 900*                      | 44.0                        |
| 46.0                        | 54.2                      | 83.5                         | 9 200*                       | 55.1                      | 84.0                         | 9 500*                       | 56.3                      | 84.8                         | 9 900*                       | 57.5                      | 85.4                         | 10 400*                      | 46.0                        |
| 48.0                        | 52.1                      | 81.9                         | 8 800*                       | 53.0                      | 82.5                         | 9 100*                       | 54.3                      | 83.3                         | 9 500*                       | 55.6                      | 84.0                         | 9 900*                       | 48.0                        |
| 50.0                        | 50.0                      | 80.2                         | 8 400*                       | 50.9                      | 80.9                         | 8 700*                       | 52.3                      | 81.8                         | 9 000*                       | 53.6                      | 82.5                         | 9 400*                       | 50.0                        |
| 52.0                        | 47.8                      | 78.4                         | 8 000*                       | 48.8                      | 79.1                         | 8 300*                       | 50.2                      | 80.1                         | 8 700*                       | 51.5                      | 80.9                         | 9 000*                       | 52.0                        |
| 54.0                        | 45.6                      | 76.4                         | 7 700*                       | 46.6                      | 77.2                         | 8 000*                       | 48.0                      | 78.3                         | 8 300*                       | 49.4                      | 79.2                         | 8 600*                       | 54.0                        |
| 56.0                        | 43.2                      | 74.3                         | 7 400*                       | 44.2                      | 75.2                         | 7 600*                       | 45.7                      | 76.3                         | 7 900*                       | 47.1                      | 77.3                         | 8 200*                       | 56.0                        |
| 58.0                        | 40.7                      | 72.0                         | 7 100*                       | 41.8                      | 72.9                         | 7 300*                       | 43.4                      | 74.2                         | 7 600*                       | 44.9                      | 75.3                         | 7 900*                       | 58.0                        |
| 60.0                        | 38.1                      | 69.5                         | 6 800*                       | 39.3                      | 70.5                         | 7 000*                       | 40.9                      | 71.9                         | 7 300*                       | 42.5                      | 73.1                         | 7 600*                       | 60.0                        |
| 62.0                        | 35.4                      | 66.7                         | 6 300*                       | 36.6                      | 67.8                         | 6 500*                       | 38.3                      | 69.4                         | 6 900*                       | 39.9                      | 70.8                         | 7 200*                       | 62.0                        |
| 64.0                        | 32.4                      | 63.5                         | 5 800*                       | 33.7                      | 64.8                         | 6 000*                       | 35.5                      | 66.6                         | 6 300*                       | 37.3                      | 68.2                         | 6 600*                       | 64.0                        |
| 66.0                        | 29.1                      | 60.0                         | 5 400*                       | 30.5                      | 61.5                         | 5 600*                       | 32.5                      | 63.5                         | 5 900*                       | 34.4                      | 65.3                         | 6 100*                       | 66.0                        |
| 68.0                        | 25.4                      | 55.9                         | 5 000*                       | 27.0                      | 57.7                         | 5 200*                       | 29.3                      | 60.0                         | 5 400*                       | 31.4                      | 62.0                         | 5 700*                       | 68.0                        |
| 70.0                        | 21.1                      | 51.0                         | 4 600*                       | 23.0                      | 53.1                         | 4 800*                       | 25.6                      | 55.9                         | 5 000*                       | 28.0                      | 58.3                         | 5 300*                       | 70.0                        |
| 72.0                        | 15.6                      | 44.5                         | 4 000*                       | 18.2                      | 47.5                         | 4 400*                       | 21.4                      | 51.1                         | 4 600*                       | 24.1                      | 54.0                         | 4 900*                       | 72.0                        |
| 74.0                        |                           |                              |                              | 11.2                      | 39.1                         | 3 500*                       | 16.0                      | 44.7                         | 4 300*                       | 19.6                      | 48.7                         | 4 500*                       | 74.0                        |
| 76.0                        |                           |                              |                              |                           |                              |                              | 6.9                       | 33.7                         | 3 100*                       | 13.4                      | 41.4                         | 4 200*                       | 76.0                        |

# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

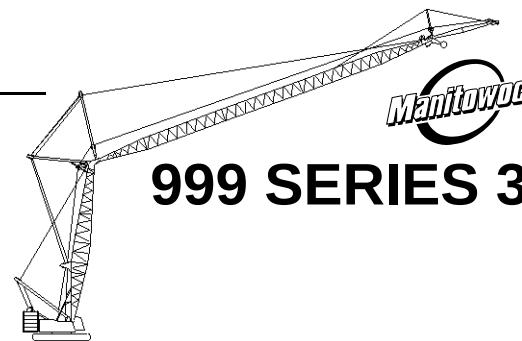
Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



**999 SERIES 3**

**24.4m (80 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib, 15.2m (50 Ft.) Fixed Jib**

| Fixed Jib<br>Oper.<br>Rad.<br>Meters | 88 Degree<br>Boom Angle            |                                          |                                    | 86 Degree<br>Boom Angle            |                                          |                                    | 83 Degree<br>Boom Angle            |                                          |                                    | 80 Degree<br>Boom Angle            |                                          |                                    | Fixed Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|--------------------------------------|
|                                      | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms |                                      |
| 24.4                                 | 74.6                               | 97.7                                     | 12 900*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 24.4                                 |
| 26.0                                 | 73.3                               | 97.2                                     | 12 800*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 26.0                                 |
| 28.0                                 | 71.7                               | 96.5                                     | 12 700*                            | 72.4                               | 96.8                                     | 14 600*                            |                                    |                                          |                                    |                                    |                                          |                                    | 28.0                                 |
| 30.0                                 | 70.0                               | 95.8                                     | 12 600*                            | 70.7                               | 96.1                                     | 14 500*                            |                                    |                                          |                                    |                                    |                                          |                                    | 30.0                                 |
| 32.0                                 | 68.3                               | 95.0                                     | 12 500*                            | 69.0                               | 95.3                                     | 14 400*                            |                                    |                                          |                                    |                                    |                                          |                                    | 32.0                                 |
| 34.0                                 | 66.6                               | 94.1                                     | 12 400*                            | 67.4                               | 94.4                                     | 13 600*                            | 68.4                               | 94.8                                     | 14 100*                            |                                    |                                          |                                    | 34.0                                 |
| 36.0                                 | 64.9                               | 93.2                                     | 12 200*                            | 65.7                               | 93.5                                     | 12 800*                            | 66.7                               | 93.9                                     | 13 400*                            |                                    |                                          |                                    | 36.0                                 |
| 38.0                                 | 63.2                               | 92.2                                     | 11 800*                            | 63.9                               | 92.5                                     | 12 100*                            | 65.0                               | 93.0                                     | 12 700*                            |                                    |                                          |                                    | 38.0                                 |
| 40.0                                 | 61.4                               | 91.1                                     | 11 100*                            | 62.2                               | 91.5                                     | 11 500*                            | 63.3                               | 92.0                                     | 12 000*                            | 64.4                               | 92.4                                     | 12 500*                            | 40.0                                 |
| 42.0                                 | 59.6                               | 89.9                                     | 10 600*                            | 60.4                               | 90.3                                     | 11 000*                            | 61.5                               | 90.9                                     | 11 400*                            | 62.6                               | 91.4                                     | 11 900*                            | 42.0                                 |
| 44.0                                 | 57.8                               | 88.6                                     | 10 100*                            | 58.6                               | 89.1                                     | 10 400*                            | 59.7                               | 89.7                                     | 10 900*                            | 60.9                               | 90.2                                     | 11 300*                            | 44.0                                 |
| 46.0                                 | 55.9                               | 87.2                                     | 9 600*                             | 56.7                               | 87.8                                     | 10 000*                            | 57.9                               | 88.4                                     | 10 400*                            | 59.0                               | 89.0                                     | 10 800*                            | 46.0                                 |
| 48.0                                 | 54.0                               | 85.8                                     | 9 200*                             | 54.8                               | 86.3                                     | 9 500*                             | 56.0                               | 87.1                                     | 9 900*                             | 57.2                               | 87.7                                     | 10 300*                            | 48.0                                 |
| 50.0                                 | 52.0                               | 84.2                                     | 8 800*                             | 52.9                               | 84.8                                     | 9 100*                             | 54.1                               | 85.6                                     | 9 500*                             | 55.3                               | 86.3                                     | 9 800*                             | 50.0                                 |
| 52.0                                 | 50.0                               | 82.5                                     | 8 400*                             | 50.9                               | 83.2                                     | 8 700*                             | 52.1                               | 84.1                                     | 9 100*                             | 53.4                               | 84.8                                     | 9 400*                             | 52.0                                 |
| 54.0                                 | 47.9                               | 80.7                                     | 8 100*                             | 48.8                               | 81.4                                     | 8 300*                             | 50.1                               | 82.4                                     | 8 700*                             | 51.4                               | 83.2                                     | 9 000*                             | 54.0                                 |
| 56.0                                 | 45.7                               | 78.7                                     | 7 700*                             | 46.7                               | 79.5                                     | 8 000*                             | 48.0                               | 80.6                                     | 8 300*                             | 49.3                               | 81.5                                     | 8 700*                             | 56.0                                 |
| 58.0                                 | 43.5                               | 76.6                                     | 7 200*                             | 44.4                               | 77.5                                     | 7 400*                             | 45.9                               | 78.6                                     | 7 800*                             | 47.2                               | 79.7                                     | 8 100*                             | 58.0                                 |
| 60.0                                 | 41.1                               | 74.3                                     | 6 600*                             | 42.1                               | 75.3                                     | 6 900*                             | 43.6                               | 76.5                                     | 7 200*                             | 45.0                               | 77.7                                     | 7 600*                             | 60.0                                 |
| 62.0                                 | 38.6                               | 71.9                                     | 6 100*                             | 39.7                               | 72.9                                     | 6 400*                             | 41.3                               | 74.3                                     | 6 700*                             | 42.8                               | 75.5                                     | 7 000*                             | 62.0                                 |
| 64.0                                 | 36.0                               | 69.1                                     | 5 700*                             | 37.2                               | 70.2                                     | 5 900*                             | 38.8                               | 71.8                                     | 6 200*                             | 40.4                               | 73.1                                     | 6 500*                             | 64.0                                 |
| 66.0                                 | 33.2                               | 66.1                                     | 5 200*                             | 34.4                               | 67.4                                     | 5 400*                             | 36.2                               | 69.1                                     | 5 700*                             | 37.8                               | 70.6                                     | 6 000*                             | 66.0                                 |
| 68.0                                 | 30.2                               | 62.7                                     | 4 900*                             | 31.5                               | 64.1                                     | 5 000*                             | 33.4                               | 66.1                                     | 5 300*                             | 35.2                               | 67.8                                     | 5 600*                             | 68.0                                 |
| 70.0                                 | 26.8                               | 58.8                                     | 4 500*                             | 28.3                               | 60.5                                     | 4 600*                             | 30.4                               | 62.7                                     | 4 900*                             | 32.3                               | 64.6                                     | 5 100*                             | 70.0                                 |
| 72.0                                 | 22.9                               | 54.3                                     | 4 100*                             | 24.6                               | 56.3                                     | 4 300*                             | 27.0                               | 58.9                                     | 4 500*                             | 29.1                               | 61.1                                     | 4 700*                             | 72.0                                 |
| 74.0                                 | 18.3                               | 48.6                                     | 3 700*                             | 20.4                               | 51.1                                     | 3 900*                             | 23.2                               | 54.4                                     | 4 200*                             | 25.6                               | 57.1                                     | 4 300*                             | 74.0                                 |
| 76.0                                 | 11.8                               | 40.6                                     | 2 800*                             | 14.9                               | 44.4                                     | 3 500*                             | 18.6                               | 48.8                                     | 3 800*                             | 21.6                               | 52.2                                     | 4 000*                             | 76.0                                 |
| 78.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 12.3                               | 40.9                                     | 3 400*                             | 16.6                               | 46.0                                     | 3 700*                             | 78.0                                 |



# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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

## 999 SERIES 3

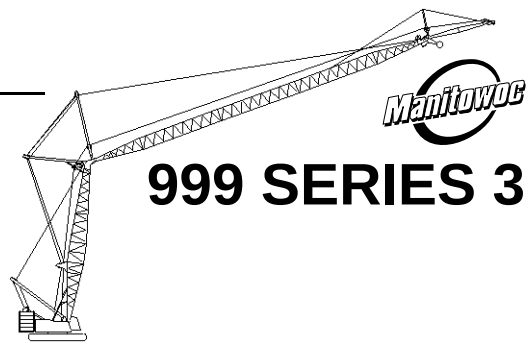
**24.4m (80 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib, 15.2m (50 Ft.) Fixed Jib**

| Fixed Jib Oper. Rad. Meters | 88 Degree Boom Angle      |                              |                              | 86 Degree Boom Angle      |                              |                              | 83 Degree Boom Angle      |                              |                              | 80 Degree Boom Angle      |                              |                              | Fixed Jib Oper. Rad. Meters |
|-----------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|-----------------------------|
|                             | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms |                             |
| 25.9                        | 74.1                      | 100.4                        | 12 000*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 25.9                        |
| 26.0                        | 74.0                      | 100.4                        | 12 000*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 26.0                        |
| 28.0                        | 72.4                      | 99.8                         | 11 900*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 28.0                        |
| 30.0                        | 70.8                      | 99.1                         | 11 800*                      | 71.5                      | 99.3                         | 13 600*                      |                           |                              |                              |                           |                              |                              | 30.0                        |
| 32.0                        | 69.2                      | 98.3                         | 11 700*                      | 69.9                      | 98.6                         | 13 500*                      |                           |                              |                              |                           |                              |                              | 32.0                        |
| 34.0                        | 67.6                      | 97.5                         | 11 600*                      | 68.3                      | 97.8                         | 13 100*                      | 69.3                      | 98.1                         | 13 300*                      |                           |                              |                              | 34.0                        |
| 36.0                        | 66.0                      | 96.6                         | 11 500*                      | 66.7                      | 96.9                         | 12 400*                      | 67.7                      | 97.3                         | 13 000*                      |                           |                              |                              | 36.0                        |
| 38.0                        | 64.3                      | 95.6                         | 11 300*                      | 65.0                      | 95.9                         | 11 700*                      | 66.1                      | 96.4                         | 12 200*                      |                           |                              |                              | 38.0                        |
| 40.0                        | 62.7                      | 94.5                         | 10 800*                      | 63.4                      | 94.9                         | 11 100*                      | 64.4                      | 95.4                         | 11 600*                      | 65.5                      | 95.8                         | 12 100*                      | 40.0                        |
| 42.0                        | 61.0                      | 93.4                         | 10 200*                      | 61.7                      | 93.8                         | 10 600*                      | 62.8                      | 94.4                         | 11 100*                      | 63.8                      | 94.8                         | 11 500*                      | 42.0                        |
| 44.0                        | 59.2                      | 92.2                         | 9 700*                       | 60.0                      | 92.7                         | 10 100*                      | 61.1                      | 93.3                         | 10 500*                      | 62.1                      | 93.7                         | 10 900*                      | 44.0                        |
| 46.0                        | 57.4                      | 90.9                         | 9 300*                       | 58.2                      | 91.4                         | 9 600*                       | 59.3                      | 92.1                         | 10 000*                      | 60.4                      | 92.6                         | 10 400*                      | 46.0                        |
| 48.0                        | 55.6                      | 89.5                         | 8 900*                       | 56.4                      | 90.1                         | 9 200*                       | 57.6                      | 90.8                         | 9 600*                       | 58.7                      | 91.4                         | 9 900*                       | 48.0                        |
| 50.0                        | 53.8                      | 88.1                         | 8 500*                       | 54.6                      | 88.6                         | 8 800*                       | 55.7                      | 89.4                         | 9 100*                       | 56.9                      | 90.1                         | 9 500*                       | 50.0                        |
| 52.0                        | 51.9                      | 86.5                         | 8 100*                       | 52.7                      | 87.1                         | 8 400*                       | 53.9                      | 87.9                         | 8 800*                       | 55.1                      | 88.6                         | 9 100*                       | 52.0                        |
| 54.0                        | 49.9                      | 84.8                         | 7 800*                       | 50.8                      | 85.5                         | 8 000*                       | 52.0                      | 86.4                         | 8 400*                       | 53.2                      | 87.1                         | 8 700*                       | 54.0                        |
| 56.0                        | 47.9                      | 83.0                         | 7 500*                       | 48.8                      | 83.7                         | 7 700*                       | 50.1                      | 84.7                         | 8 000*                       | 51.3                      | 85.5                         | 8 400*                       | 56.0                        |
| 58.0                        | 45.9                      | 81.1                         | 6 900*                       | 46.8                      | 81.8                         | 7 100*                       | 48.1                      | 82.9                         | 7 500*                       | 49.3                      | 83.8                         | 7 900*                       | 58.0                        |
| 60.0                        | 43.7                      | 79.0                         | 6 400*                       | 44.6                      | 79.8                         | 6 600*                       | 46.0                      | 80.9                         | 7 000*                       | 47.3                      | 82.0                         | 7 300*                       | 60.0                        |
| 62.0                        | 41.5                      | 76.7                         | 5 900*                       | 42.4                      | 77.6                         | 6 100*                       | 43.8                      | 78.9                         | 6 400*                       | 45.2                      | 80.0                         | 6 700*                       | 62.0                        |
| 64.0                        | 39.1                      | 74.3                         | 5 400*                       | 40.1                      | 75.2                         | 5 600*                       | 41.6                      | 76.6                         | 5 900*                       | 43.0                      | 77.8                         | 6 200*                       | 64.0                        |
| 66.0                        | 36.6                      | 71.6                         | 5 000*                       | 37.7                      | 72.7                         | 5 200*                       | 39.3                      | 74.2                         | 5 500*                       | 40.7                      | 75.5                         | 5 700*                       | 66.0                        |
| 68.0                        | 34.0                      | 68.6                         | 4 600*                       | 35.1                      | 69.8                         | 4 800*                       | 36.8                      | 71.5                         | 5 000*                       | 38.3                      | 73.0                         | 5 300*                       | 68.0                        |
| 70.0                        | 31.1                      | 65.4                         | 4 200*                       | 32.4                      | 66.7                         | 4 400*                       | 34.1                      | 68.6                         | 4 600*                       | 35.8                      | 70.2                         | 4 900*                       | 70.0                        |
| 72.0                        | 28.0                      | 61.7                         | 3 900*                       | 29.4                      | 63.2                         | 4 000*                       | 31.3                      | 65.3                         | 4 200*                       | 33.1                      | 67.2                         | 4 500*                       | 72.0                        |
| 74.0                        | 24.5                      | 57.4                         | 3 500*                       | 26.0                      | 59.2                         | 3 700*                       | 28.2                      | 61.7                         | 3 900*                       | 30.2                      | 63.8                         | 4 100*                       | 74.0                        |
| 76.0                        | 20.4                      | 52.3                         | 3 200*                       | 22.2                      | 54.5                         | 3 300*                       | 24.7                      | 57.5                         | 3 600*                       | 27.0                      | 60.0                         | 3 800*                       | 76.0                        |
| 78.0                        | 15.2                      | 45.6                         | 2 700*                       | 17.6                      | 48.7                         | 3 000*                       | 20.7                      | 52.4                         | 3 200*                       | 23.3                      | 55.5                         | 3 400*                       | 78.0                        |
| 80.0                        |                           |                              |                              |                           |                              |                              | 15.6                      | 45.9                         | 2 900*                       | 18.9                      | 50.0                         | 3 100*                       | 80.0                        |
| 82.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 13.2                      | 42.5                         | 2 800*                       | 82.0                        |

# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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



## 999 SERIES 3

**24.4m (80 Ft.) Boom, 64.0m (210 Ft.) Luffing Jib, 15.2m (50 Ft.) Fixed Jib**

| Fixed Jib<br>Oper.<br>Rad.<br>Meters | 88 Degree<br>Boom Angle            |                                          |                                    | 86 Degree<br>Boom Angle            |                                          |                                    | 83 Degree<br>Boom Angle            |                                          |                                    | 80 Degree<br>Boom Angle            |                                          |                                    | Fixed Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|--------------------------------------|
|                                      | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms |                                      |
| 25.9                                 | 74.7                               | 103.6                                    | 11 200*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 25.9                                 |
| 26.0                                 | 74.6                               | 103.6                                    | 11 200*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 26.0                                 |
| 28.0                                 | 73.1                               | 103.0                                    | 11 100*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 28.0                                 |
| 30.0                                 | 71.6                               | 102.3                                    | 11 100*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 30.0                                 |
| 32.0                                 | 70.1                               | 101.6                                    | 10 900*                            | 70.7                               | 101.8                                    | 12 700*                            |                                    |                                          |                                    |                                    |                                          |                                    | 32.0                                 |
| 34.0                                 | 68.5                               | 100.8                                    | 10 800*                            | 69.2                               | 101.0                                    | 12 400*                            |                                    |                                          |                                    |                                    |                                          |                                    | 34.0                                 |
| 36.0                                 | 67.0                               | 99.9                                     | 10 700*                            | 67.6                               | 100.2                                    | 11 800*                            | 68.6                               | 100.6                                    | 12 200*                            |                                    |                                          |                                    | 36.0                                 |
| 38.0                                 | 65.4                               | 99.0                                     | 10 600*                            | 66.1                               | 99.3                                     | 11 100*                            | 67.1                               | 99.7                                     | 11 600*                            |                                    |                                          |                                    | 38.0                                 |
| 40.0                                 | 63.8                               | 98.0                                     | 10 300*                            | 64.5                               | 98.3                                     | 10 600*                            | 65.5                               | 98.8                                     | 11 000*                            | 66.5                               | 99.2                                     | 11 500*                            | 40.0                                 |
| 42.0                                 | 62.2                               | 96.9                                     | 9 800*                             | 62.9                               | 97.3                                     | 10 100*                            | 63.9                               | 97.8                                     | 10 500*                            | 64.9                               | 98.2                                     | 10 900*                            | 42.0                                 |
| 44.0                                 | 60.5                               | 95.8                                     | 9 300*                             | 61.2                               | 96.2                                     | 9 600*                             | 62.3                               | 96.8                                     | 10 000*                            | 63.3                               | 97.2                                     | 10 400*                            | 44.0                                 |
| 46.0                                 | 58.8                               | 94.6                                     | 8 800*                             | 59.6                               | 95.0                                     | 9 100*                             | 60.6                               | 95.6                                     | 9 500*                             | 61.7                               | 96.1                                     | 9 900*                             | 46.0                                 |
| 48.0                                 | 57.1                               | 93.3                                     | 8 400*                             | 57.9                               | 93.7                                     | 8 700*                             | 58.9                               | 94.4                                     | 9 100*                             | 60.0                               | 95.0                                     | 9 400*                             | 48.0                                 |
| 50.0                                 | 55.4                               | 91.9                                     | 8 100*                             | 56.1                               | 92.4                                     | 8 300*                             | 57.2                               | 93.1                                     | 8 700*                             | 58.3                               | 93.7                                     | 9 000*                             | 50.0                                 |
| 52.0                                 | 53.6                               | 90.4                                     | 7 700*                             | 54.4                               | 91.0                                     | 7 900*                             | 55.5                               | 91.7                                     | 8 300*                             | 56.6                               | 92.4                                     | 8 600*                             | 52.0                                 |
| 54.0                                 | 51.8                               | 88.8                                     | 7 400*                             | 52.6                               | 89.4                                     | 7 600*                             | 53.7                               | 90.2                                     | 8 000*                             | 54.8                               | 91.0                                     | 8 300*                             | 54.0                                 |
| 56.0                                 | 49.9                               | 87.1                                     | 7 100*                             | 50.7                               | 87.8                                     | 7 300*                             | 51.9                               | 88.7                                     | 7 600*                             | 53.0                               | 89.4                                     | 7 900*                             | 56.0                                 |
| 58.0                                 | 48.0                               | 85.3                                     | 6 700*                             | 48.8                               | 86.0                                     | 7 000*                             | 50.0                               | 87.0                                     | 7 300*                             | 51.2                               | 87.8                                     | 7 600*                             | 58.0                                 |
| 60.0                                 | 46.0                               | 83.4                                     | 6 200*                             | 46.8                               | 84.1                                     | 6 400*                             | 48.1                               | 85.2                                     | 6 700*                             | 49.3                               | 86.1                                     | 7 100*                             | 60.0                                 |
| 62.0                                 | 43.9                               | 81.3                                     | 5 700*                             | 44.8                               | 82.1                                     | 5 900*                             | 46.1                               | 83.3                                     | 6 200*                             | 47.4                               | 84.3                                     | 6 500*                             | 62.0                                 |
| 64.0                                 | 41.8                               | 79.1                                     | 5 200*                             | 42.7                               | 80.0                                     | 5 400*                             | 44.0                               | 81.2                                     | 5 700*                             | 45.4                               | 82.3                                     | 6 000*                             | 64.0                                 |
| 66.0                                 | 39.5                               | 76.6                                     | 4 800*                             | 40.5                               | 77.6                                     | 5 000*                             | 41.9                               | 79.0                                     | 5 200*                             | 43.3                               | 80.2                                     | 5 500*                             | 66.0                                 |
| 68.0                                 | 37.2                               | 74.0                                     | 4 400*                             | 38.2                               | 75.1                                     | 4 600*                             | 39.7                               | 76.6                                     | 4 800*                             | 41.1                               | 77.9                                     | 5 100*                             | 68.0                                 |
| 70.0                                 | 34.7                               | 71.1                                     | 4 000*                             | 35.7                               | 72.3                                     | 4 200*                             | 37.3                               | 73.9                                     | 4 400*                             | 38.8                               | 75.4                                     | 4 600*                             | 70.0                                 |
| 72.0                                 | 32.0                               | 68.0                                     | 3 700*                             | 33.1                               | 69.3                                     | 3 800*                             | 34.8                               | 71.1                                     | 4 000*                             | 36.4                               | 72.7                                     | 4 300*                             | 72.0                                 |
| 74.0                                 | 29.1                               | 64.4                                     | 3 300*                             | 30.3                               | 65.9                                     | 3 500*                             | 32.1                               | 67.9                                     | 3 700*                             | 33.8                               | 69.7                                     | 3 900*                             | 74.0                                 |
| 76.0                                 | 25.9                               | 60.4                                     | 3 000*                             | 27.3                               | 62.1                                     | 3 200*                             | 29.2                               | 64.4                                     | 3 300*                             | 31.1                               | 66.5                                     | 3 500*                             | 76.0                                 |
| 78.0                                 | 22.2                               | 55.7                                     | 2 700*                             | 23.8                               | 57.7                                     | 2 800*                             | 26.1                               | 60.4                                     | 3 000*                             | 28.1                               | 62.8                                     | 3 200*                             | 78.0                                 |
| 80.0                                 | 17.8                               | 49.9                                     | 2 400*                             | 19.8                               | 52.4                                     | 2 500*                             | 22.4                               | 55.8                                     | 2 700*                             | 24.8                               | 58.6                                     | 2 900*                             | 80.0                                 |
| 82.0                                 |                                    |                                          |                                    | 14.6                               | 45.5                                     | 2 100*                             | 18.1                               | 50.0                                     | 2 400*                             | 20.9                               | 53.6                                     | 2 600*                             | 82.0                                 |
| 84.0                                 |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 16.1                               | 47.2                                     | 2 300*                             | 84.0                                 |



# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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

## 999 SERIES 3

### 24.4m (80 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib, 18.3m (60 Ft.) Fixed Jib

| Fixed Jib Oper. Rad. Meters | 88 Degree Boom Angle      |                              |                              | 86 Degree Boom Angle      |                              |                              | 83 Degree Boom Angle      |                              |                              | 80 Degree Boom Angle      |                              |                              | Fixed Jib Oper. Rad. Meters |
|-----------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|-----------------------------|
|                             | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms |                             |
| 24.4                        | 74.0                      | 94.5                         | 10 900*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 24.4                        |
| 26.0                        | 72.6                      | 94.0                         | 10 800*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 26.0                        |
| 28.0                        | 70.9                      | 93.3                         | 10 600*                      | 71.6                      | 93.6                         | 12 200*                      |                           |                              |                              |                           |                              |                              | 28.0                        |
| 30.0                        | 69.2                      | 92.5                         | 10 400*                      | 69.9                      | 92.8                         | 12 000*                      |                           |                              |                              |                           |                              |                              | 30.0                        |
| 32.0                        | 67.4                      | 91.7                         | 10 200*                      | 68.2                      | 92.0                         | 11 800*                      | 69.3                      | 92.4                         | 11 800*                      |                           |                              |                              | 32.0                        |
| 34.0                        | 65.6                      | 90.8                         | 10 000*                      | 66.4                      | 91.1                         | 11 600*                      | 67.5                      | 91.5                         | 11 700*                      |                           |                              |                              | 34.0                        |
| 36.0                        | 63.8                      | 89.8                         | 9 800*                       | 64.6                      | 90.1                         | 11 400*                      | 65.7                      | 90.6                         | 11 500*                      |                           |                              |                              | 36.0                        |
| 38.0                        | 62.0                      | 88.7                         | 9 700*                       | 62.8                      | 89.1                         | 11 200*                      | 63.9                      | 89.6                         | 11 300*                      | 65.1                      | 90.0                         | 11 200*                      | 38.0                        |
| 40.0                        | 60.1                      | 87.5                         | 9 500*                       | 60.9                      | 88.0                         | 10 500*                      | 62.1                      | 88.5                         | 11 000*                      | 63.3                      | 89.0                         | 11 000*                      | 40.0                        |
| 42.0                        | 58.2                      | 86.3                         | 9 300*                       | 59.0                      | 86.7                         | 10 000*                      | 60.2                      | 87.4                         | 10 500*                      | 61.4                      | 87.9                         | 10 800*                      | 42.0                        |
| 44.0                        | 56.3                      | 84.9                         | 9 100*                       | 57.1                      | 85.4                         | 9 400*                       | 58.3                      | 86.1                         | 9 900*                       | 59.5                      | 86.7                         | 10 400*                      | 44.0                        |
| 46.0                        | 54.3                      | 83.5                         | 8 700*                       | 55.1                      | 84.0                         | 9 000*                       | 56.4                      | 84.8                         | 9 400*                       | 57.6                      | 85.4                         | 9 800*                       | 46.0                        |
| 48.0                        | 52.2                      | 81.9                         | 8 300*                       | 53.1                      | 82.5                         | 8 500*                       | 54.4                      | 83.3                         | 8 900*                       | 55.6                      | 84.0                         | 9 300*                       | 48.0                        |
| 50.0                        | 50.1                      | 80.2                         | 7 900*                       | 51.0                      | 80.9                         | 8 100*                       | 52.3                      | 81.8                         | 8 500*                       | 53.6                      | 82.5                         | 8 900*                       | 50.0                        |
| 52.0                        | 47.9                      | 78.4                         | 7 500*                       | 48.9                      | 79.1                         | 7 800*                       | 50.2                      | 80.1                         | 8 100*                       | 51.6                      | 80.9                         | 8 400*                       | 52.0                        |
| 54.0                        | 45.7                      | 76.4                         | 7 200*                       | 46.6                      | 77.2                         | 7 400*                       | 48.1                      | 78.3                         | 7 700*                       | 49.4                      | 79.2                         | 8 000*                       | 54.0                        |
| 56.0                        | 43.3                      | 74.3                         | 6 900*                       | 44.3                      | 75.2                         | 7 100*                       | 45.8                      | 76.3                         | 7 400*                       | 47.2                      | 77.4                         | 7 700*                       | 56.0                        |
| 58.0                        | 40.8                      | 72.0                         | 6 600*                       | 41.9                      | 72.9                         | 6 800*                       | 43.4                      | 74.2                         | 7 100*                       | 44.9                      | 75.3                         | 7 400*                       | 58.0                        |
| 60.0                        | 38.2                      | 69.5                         | 6 300*                       | 39.3                      | 70.5                         | 6 500*                       | 41.0                      | 71.9                         | 6 800*                       | 42.5                      | 73.2                         | 7 000*                       | 60.0                        |
| 62.0                        | 35.4                      | 66.7                         | 6 000*                       | 36.6                      | 67.8                         | 6 200*                       | 38.4                      | 69.4                         | 6 500*                       | 40.0                      | 70.8                         | 6 800*                       | 62.0                        |
| 64.0                        | 32.4                      | 63.6                         | 5 800*                       | 33.7                      | 64.9                         | 6 000*                       | 35.6                      | 66.6                         | 6 300*                       | 37.4                      | 68.2                         | 6 500*                       | 64.0                        |
| 66.0                        | 29.2                      | 60.0                         | 5 500*                       | 30.6                      | 61.5                         | 5 800*                       | 32.6                      | 63.5                         | 6 000*                       | 34.5                      | 65.3                         | 6 200*                       | 66.0                        |
| 68.0                        | 25.5                      | 55.9                         | 5 200*                       | 27.1                      | 57.7                         | 5 500*                       | 29.4                      | 60.0                         | 5 700*                       | 31.5                      | 62.0                         | 6 000*                       | 68.0                        |
| 70.0                        | 21.2                      | 51.0                         | 4 900*                       | 23.1                      | 53.2                         | 5 100*                       | 25.7                      | 56.0                         | 5 300*                       | 28.1                      | 58.4                         | 5 600*                       | 70.0                        |
| 72.0                        | 15.7                      | 44.6                         | 4 300*                       | 18.3                      | 47.5                         | 4 700*                       | 21.5                      | 51.1                         | 5 000*                       | 24.2                      | 54.1                         | 5 200*                       | 72.0                        |
| 74.0                        |                           |                              |                              | 11.4                      | 39.2                         | 3 800*                       | 16.1                      | 44.8                         | 4 600*                       | 19.7                      | 48.8                         | 4 800*                       | 74.0                        |
| 76.0                        |                           |                              |                              |                           |                              |                              | 7.1                       | 33.8                         | 3 400*                       | 13.5                      | 41.5                         | 4 500*                       | 76.0                        |

# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

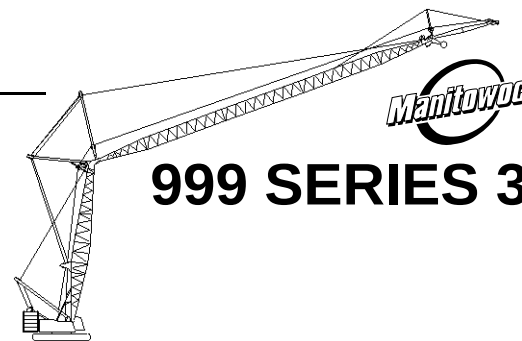
Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



**999 SERIES 3**

**24.4m (80 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib, 18.3m (60 Ft.) Fixed Jib**

| Fixed Jib<br>Oper.<br>Rad.<br>Meters | 88 Degree<br>Boom Angle            |                                          |                                    | 86 Degree<br>Boom Angle            |                                          |                                    | 83 Degree<br>Boom Angle            |                                          |                                    | 80 Degree<br>Boom Angle            |                                          |                                    | Fixed Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|--------------------------------------|
|                                      | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms |                                      |
| 24.4                                 | 74.7                               | 97.7                                     | 10 700*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 24.4                                 |
| 26.0                                 | 73.4                               | 97.2                                     | 10 600*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 26.0                                 |
| 28.0                                 | 71.7                               | 96.6                                     | 10 400*                            | 72.4                               | 96.8                                     | 12 000*                            |                                    |                                          |                                    |                                    |                                          |                                    | 28.0                                 |
| 30.0                                 | 70.1                               | 95.8                                     | 10 200*                            | 70.8                               | 96.1                                     | 11 800*                            |                                    |                                          |                                    |                                    |                                          |                                    | 30.0                                 |
| 32.0                                 | 68.4                               | 95.0                                     | 10 000*                            | 69.1                               | 95.3                                     | 11 600*                            |                                    |                                          |                                    |                                    |                                          |                                    | 32.0                                 |
| 34.0                                 | 66.7                               | 94.1                                     | 9 800*                             | 67.4                               | 94.4                                     | 11 400*                            | 68.5                               | 94.8                                     | 11 400*                            |                                    |                                          |                                    | 34.0                                 |
| 36.0                                 | 65.0                               | 93.2                                     | 9 700*                             | 65.7                               | 93.5                                     | 11 200*                            | 66.8                               | 94.0                                     | 11 300*                            |                                    |                                          |                                    | 36.0                                 |
| 38.0                                 | 63.3                               | 92.2                                     | 9 500*                             | 64.0                               | 92.5                                     | 10 700*                            | 65.1                               | 93.0                                     | 11 100*                            |                                    |                                          |                                    | 38.0                                 |
| 40.0                                 | 61.5                               | 91.1                                     | 9 400*                             | 62.2                               | 91.5                                     | 10 100*                            | 63.4                               | 92.0                                     | 10 600*                            | 64.5                               | 92.4                                     | 10 800*                            | 40.0                                 |
| 42.0                                 | 59.7                               | 89.9                                     | 9 200*                             | 60.5                               | 90.3                                     | 9 600*                             | 61.6                               | 90.9                                     | 10 000*                            | 62.7                               | 91.4                                     | 10 500*                            | 42.0                                 |
| 44.0                                 | 57.9                               | 88.6                                     | 8 800*                             | 58.6                               | 89.1                                     | 9 100*                             | 59.8                               | 89.7                                     | 9 500*                             | 60.9                               | 90.2                                     | 9 900*                             | 44.0                                 |
| 46.0                                 | 56.0                               | 87.2                                     | 8 300*                             | 56.8                               | 87.8                                     | 8 600*                             | 58.0                               | 88.5                                     | 9 000*                             | 59.1                               | 89.0                                     | 9 400*                             | 46.0                                 |
| 48.0                                 | 54.1                               | 85.8                                     | 7 900*                             | 54.9                               | 86.3                                     | 8 200*                             | 56.1                               | 87.1                                     | 8 500*                             | 57.3                               | 87.7                                     | 8 900*                             | 48.0                                 |
| 50.0                                 | 52.1                               | 84.2                                     | 7 500*                             | 52.9                               | 84.8                                     | 7 800*                             | 54.2                               | 85.6                                     | 8 100*                             | 55.4                               | 86.3                                     | 8 500*                             | 50.0                                 |
| 52.0                                 | 50.1                               | 82.5                                     | 7 200*                             | 50.9                               | 83.2                                     | 7 400*                             | 52.2                               | 84.1                                     | 7 800*                             | 53.4                               | 84.8                                     | 8 100*                             | 52.0                                 |
| 54.0                                 | 48.0                               | 80.7                                     | 6 900*                             | 48.9                               | 81.4                                     | 7 100*                             | 50.2                               | 82.4                                     | 7 400*                             | 51.5                               | 83.2                                     | 7 700*                             | 54.0                                 |
| 56.0                                 | 45.8                               | 78.8                                     | 6 600*                             | 46.7                               | 79.5                                     | 6 800*                             | 48.1                               | 80.6                                     | 7 100*                             | 49.4                               | 81.5                                     | 7 400*                             | 56.0                                 |
| 58.0                                 | 43.6                               | 76.6                                     | 6 300*                             | 44.5                               | 77.5                                     | 6 500*                             | 45.9                               | 78.6                                     | 6 800*                             | 47.3                               | 79.7                                     | 7 100*                             | 58.0                                 |
| 60.0                                 | 41.2                               | 74.4                                     | 6 000*                             | 42.2                               | 75.3                                     | 6 200*                             | 43.7                               | 76.6                                     | 6 500*                             | 45.1                               | 77.7                                     | 6 800*                             | 60.0                                 |
| 62.0                                 | 38.7                               | 71.9                                     | 5 800*                             | 39.8                               | 72.9                                     | 6 000*                             | 41.3                               | 74.3                                     | 6 200*                             | 42.8                               | 75.5                                     | 6 500*                             | 62.0                                 |
| 64.0                                 | 36.1                               | 69.1                                     | 5 600*                             | 37.2                               | 70.3                                     | 5 800*                             | 38.9                               | 71.8                                     | 6 000*                             | 40.4                               | 73.2                                     | 6 200*                             | 64.0                                 |
| 66.0                                 | 33.3                               | 66.1                                     | 5 400*                             | 34.5                               | 67.4                                     | 5 500*                             | 36.3                               | 69.1                                     | 5 800*                             | 37.9                               | 70.6                                     | 6 000*                             | 66.0                                 |
| 68.0                                 | 30.2                               | 62.7                                     | 5 100*                             | 31.6                               | 64.1                                     | 5 300*                             | 33.5                               | 66.1                                     | 5 500*                             | 35.2                               | 67.8                                     | 5 700*                             | 68.0                                 |
| 70.0                                 | 26.9                               | 58.9                                     | 4 700*                             | 28.4                               | 60.5                                     | 4 900*                             | 30.4                               | 62.7                                     | 5 100*                             | 32.4                               | 64.6                                     | 5 300*                             | 70.0                                 |
| 72.0                                 | 23.0                               | 54.3                                     | 4 300*                             | 24.7                               | 56.3                                     | 4 500*                             | 27.1                               | 58.9                                     | 4 700*                             | 29.2                               | 61.1                                     | 5 000*                             | 72.0                                 |
| 74.0                                 | 18.4                               | 48.7                                     | 3 900*                             | 20.5                               | 51.2                                     | 4 200*                             | 23.3                               | 54.4                                     | 4 300*                             | 25.7                               | 57.1                                     | 4 600*                             | 74.0                                 |
| 76.0                                 | 12.0                               | 40.6                                     | 3 000*                             | 15.0                               | 44.4                                     | 3 600*                             | 18.7                               | 48.8                                     | 4 000*                             | 21.7                               | 52.2                                     | 4 200*                             | 76.0                                 |
| 78.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 12.4                               | 41.0                                     | 3 600*                             | 16.7                               | 46.1                                     | 3 900*                             | 78.0                                 |



# Liftcrane Fixed Jib Capacities

## 999 SERIES 3

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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

**24.4m (80 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib, 18.3m (60 Ft.) Fixed Jib**

| Fixed Jib Oper. Rad. Meters | 88 Degree Boom Angle      |                              |                              | 86 Degree Boom Angle      |                              |                              | 83 Degree Boom Angle      |                              |                              | 80 Degree Boom Angle      |                              |                              | Fixed Jib Oper. Rad. Meters |
|-----------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|-----------------------------|
|                             | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms |                             |
| 25.9                        | 74.1                      | 100.5                        | 10 200*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 25.9                        |
| 26.0                        | 74.0                      | 100.4                        | 10 200*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 26.0                        |
| 28.0                        | 72.5                      | 99.8                         | 10 100*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 28.0                        |
| 30.0                        | 70.9                      | 99.1                         | 10 000*                      | 71.6                      | 99.3                         | 11 500*                      |                           |                              |                              |                           |                              |                              | 30.0                        |
| 32.0                        | 69.3                      | 98.3                         | 9 700*                       | 70.0                      | 98.6                         | 11 300*                      |                           |                              |                              |                           |                              |                              | 32.0                        |
| 34.0                        | 67.7                      | 97.5                         | 9 600*                       | 68.4                      | 97.8                         | 11 100*                      | 69.4                      | 98.1                         | 11 100*                      |                           |                              |                              | 34.0                        |
| 36.0                        | 66.1                      | 96.6                         | 9 500*                       | 66.8                      | 96.9                         | 11 000*                      | 67.8                      | 97.3                         | 11 000*                      |                           |                              |                              | 36.0                        |
| 38.0                        | 64.4                      | 95.6                         | 9 300*                       | 65.1                      | 95.9                         | 10 800*                      | 66.2                      | 96.4                         | 10 800*                      |                           |                              |                              | 38.0                        |
| 40.0                        | 62.7                      | 94.5                         | 9 200*                       | 63.4                      | 94.9                         | 10 500*                      | 64.5                      | 95.4                         | 10 700*                      | 65.5                      | 95.8                         | 10 600*                      | 40.0                        |
| 42.0                        | 61.0                      | 93.4                         | 9 100*                       | 61.7                      | 93.8                         | 9 900*                       | 62.8                      | 94.4                         | 10 400*                      | 63.9                      | 94.8                         | 10 500*                      | 42.0                        |
| 44.0                        | 59.3                      | 92.2                         | 8 900*                       | 60.0                      | 92.7                         | 9 400*                       | 61.1                      | 93.3                         | 9 800*                       | 62.2                      | 93.8                         | 10 200*                      | 44.0                        |
| 46.0                        | 57.5                      | 90.9                         | 8 700*                       | 58.3                      | 91.4                         | 9 000*                       | 59.4                      | 92.1                         | 9 400*                       | 60.5                      | 92.6                         | 9 800*                       | 46.0                        |
| 48.0                        | 55.7                      | 89.6                         | 8 300*                       | 56.5                      | 90.1                         | 8 500*                       | 57.6                      | 90.8                         | 8 900*                       | 58.7                      | 91.4                         | 9 300*                       | 48.0                        |
| 50.0                        | 53.9                      | 88.1                         | 7 900*                       | 54.7                      | 88.7                         | 8 100*                       | 55.8                      | 89.4                         | 8 500*                       | 57.0                      | 90.1                         | 8 900*                       | 50.0                        |
| 52.0                        | 52.0                      | 86.5                         | 7 500*                       | 52.8                      | 87.1                         | 7 800*                       | 54.0                      | 88.0                         | 8 100*                       | 55.1                      | 88.7                         | 8 400*                       | 52.0                        |
| 54.0                        | 50.0                      | 84.8                         | 7 200*                       | 50.9                      | 85.5                         | 7 400*                       | 52.1                      | 86.4                         | 7 800*                       | 53.3                      | 87.2                         | 8 100*                       | 54.0                        |
| 56.0                        | 48.0                      | 83.0                         | 6 900*                       | 48.9                      | 83.7                         | 7 100*                       | 50.1                      | 84.7                         | 7 400*                       | 51.4                      | 85.5                         | 7 700*                       | 56.0                        |
| 58.0                        | 45.9                      | 81.1                         | 6 700*                       | 46.8                      | 81.8                         | 6 800*                       | 48.1                      | 82.9                         | 7 100*                       | 49.4                      | 83.8                         | 7 400*                       | 58.0                        |
| 60.0                        | 43.8                      | 79.0                         | 6 400*                       | 44.7                      | 79.8                         | 6 500*                       | 46.1                      | 81.0                         | 6 900*                       | 47.4                      | 82.0                         | 7 100*                       | 60.0                        |
| 62.0                        | 41.5                      | 76.7                         | 6 100*                       | 42.5                      | 77.6                         | 6 300*                       | 43.9                      | 78.9                         | 6 600*                       | 45.3                      | 80.0                         | 6 800*                       | 62.0                        |
| 64.0                        | 39.2                      | 74.3                         | 5 800*                       | 40.2                      | 75.3                         | 5 900*                       | 41.7                      | 76.6                         | 6 200*                       | 43.1                      | 77.8                         | 6 500*                       | 64.0                        |
| 66.0                        | 36.7                      | 71.6                         | 5 300*                       | 37.8                      | 72.7                         | 5 500*                       | 39.3                      | 74.2                         | 5 800*                       | 40.8                      | 75.5                         | 6 100*                       | 66.0                        |
| 68.0                        | 34.1                      | 68.6                         | 4 900*                       | 35.2                      | 69.9                         | 5 100*                       | 36.8                      | 71.5                         | 5 300*                       | 38.4                      | 73.0                         | 5 600*                       | 68.0                        |
| 70.0                        | 31.2                      | 65.4                         | 4 500*                       | 32.4                      | 66.7                         | 4 700*                       | 34.2                      | 68.6                         | 4 900*                       | 35.9                      | 70.2                         | 5 200*                       | 70.0                        |
| 72.0                        | 28.1                      | 61.7                         | 4 200*                       | 29.4                      | 63.2                         | 4 300*                       | 31.4                      | 65.4                         | 4 600*                       | 33.2                      | 67.2                         | 4 800*                       | 72.0                        |
| 74.0                        | 24.6                      | 57.4                         | 3 900*                       | 26.1                      | 59.3                         | 4 000*                       | 28.3                      | 61.7                         | 4 200*                       | 30.3                      | 63.8                         | 4 400*                       | 74.0                        |
| 76.0                        | 20.5                      | 52.3                         | 3 500*                       | 22.3                      | 54.6                         | 3 700*                       | 24.8                      | 57.5                         | 3 800*                       | 27.0                      | 60.0                         | 4 100*                       | 76.0                        |
| 78.0                        | 15.3                      | 45.7                         | 3 000*                       | 17.7                      | 48.7                         | 3 300*                       | 20.8                      | 52.4                         | 3 500*                       | 23.4                      | 55.5                         | 3 700*                       | 78.0                        |
| 80.0                        |                           |                              |                              | 11.3                      | 40.3                         | 2 600*                       | 15.7                      | 45.9                         | 3 200*                       | 19.0                      | 50.0                         | 3 400*                       | 80.0                        |
| 82.0                        |                           |                              |                              |                           |                              |                              | 7.4                       | 35.0                         | 2 200*                       | 13.3                      | 42.6                         | 3 100*                       | 82.0                        |

# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

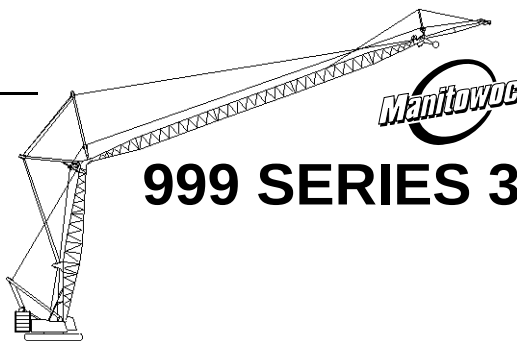
Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 999 SERIES 3

**24.4m (80 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib, 18.3m (60 Ft.) Fixed Jib**

| Fixed Jib<br>Oper.<br>Rad.<br>Meters | 88 Degree<br>Boom Angle            |                                          |                                    | 86 Degree<br>Boom Angle            |                                          |                                    | 83 Degree<br>Boom Angle            |                                          |                                    | 80 Degree<br>Boom Angle            |                                          |                                    | Fixed Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|--------------------------------------|
|                                      | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms |                                      |
| 25.9                                 | 74.7                               | 103.6                                    | 9 800*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 25.9                                 |
| 26.0                                 | 74.7                               | 103.6                                    | 9 800*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 26.0                                 |
| 28.0                                 | 73.2                               | 103.0                                    | 9 700*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 28.0                                 |
| 30.0                                 | 71.7                               | 102.3                                    | 9 600*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 30.0                                 |
| 32.0                                 | 70.1                               | 101.6                                    | 9 500*                             | 70.8                               | 101.8                                    | 11 000*                            |                                    |                                          |                                    |                                    |                                          |                                    | 32.0                                 |
| 34.0                                 | 68.6                               | 100.8                                    | 9 400*                             | 69.3                               | 101.1                                    | 10 900*                            |                                    |                                          |                                    |                                    |                                          |                                    | 34.0                                 |
| 36.0                                 | 67.0                               | 99.9                                     | 9 300*                             | 67.7                               | 100.2                                    | 10 700*                            | 68.7                               | 100.6                                    | 10 700*                            |                                    |                                          |                                    | 36.0                                 |
| 38.0                                 | 65.5                               | 99.0                                     | 9 100*                             | 66.1                               | 99.3                                     | 10 500*                            | 67.1                               | 99.7                                     | 10 500*                            |                                    |                                          |                                    | 38.0                                 |
| 40.0                                 | 63.9                               | 98.0                                     | 9 000*                             | 64.5                               | 98.4                                     | 10 100*                            | 65.5                               | 98.8                                     | 10 300*                            | 66.5                               | 99.2                                     | 10 300*                            | 40.0                                 |
| 42.0                                 | 62.2                               | 96.9                                     | 8 900*                             | 62.9                               | 97.3                                     | 9 600*                             | 64.0                               | 97.8                                     | 10 100*                            | 65.0                               | 98.2                                     | 10 200*                            | 42.0                                 |
| 44.0                                 | 60.6                               | 95.8                                     | 8 800*                             | 61.3                               | 96.2                                     | 9 100*                             | 62.3                               | 96.8                                     | 9 500*                             | 63.4                               | 97.2                                     | 9 900*                             | 44.0                                 |
| 46.0                                 | 58.9                               | 94.6                                     | 8 400*                             | 59.6                               | 95.0                                     | 8 600*                             | 60.7                               | 95.6                                     | 9 000*                             | 61.7                               | 96.1                                     | 9 400*                             | 46.0                                 |
| 48.0                                 | 57.2                               | 93.3                                     | 8 000*                             | 57.9                               | 93.8                                     | 8 200*                             | 59.0                               | 94.4                                     | 8 600*                             | 60.1                               | 95.0                                     | 8 900*                             | 48.0                                 |
| 50.0                                 | 55.5                               | 91.9                                     | 7 600*                             | 56.2                               | 92.4                                     | 7 900*                             | 57.3                               | 93.1                                     | 8 200*                             | 58.4                               | 93.7                                     | 8 500*                             | 50.0                                 |
| 52.0                                 | 53.7                               | 90.4                                     | 7 300*                             | 54.4                               | 91.0                                     | 7 500*                             | 55.6                               | 91.7                                     | 7 900*                             | 56.7                               | 92.4                                     | 8 200*                             | 52.0                                 |
| 54.0                                 | 51.9                               | 88.8                                     | 7 000*                             | 52.6                               | 89.4                                     | 7 200*                             | 53.8                               | 90.3                                     | 7 500*                             | 54.9                               | 91.0                                     | 7 800*                             | 54.0                                 |
| 56.0                                 | 50.0                               | 87.1                                     | 6 700*                             | 50.8                               | 87.8                                     | 6 900*                             | 52.0                               | 88.7                                     | 7 200*                             | 53.1                               | 89.5                                     | 7 500*                             | 56.0                                 |
| 58.0                                 | 48.1                               | 85.3                                     | 6 400*                             | 48.9                               | 86.0                                     | 6 600*                             | 50.1                               | 87.0                                     | 6 900*                             | 51.3                               | 87.8                                     | 7 100*                             | 58.0                                 |
| 60.0                                 | 46.1                               | 83.4                                     | 6 200*                             | 46.9                               | 84.2                                     | 6 400*                             | 48.2                               | 85.2                                     | 6 600*                             | 49.4                               | 86.1                                     | 6 900*                             | 60.0                                 |
| 62.0                                 | 44.0                               | 81.3                                     | 5 900*                             | 44.9                               | 82.1                                     | 6 100*                             | 46.2                               | 83.3                                     | 6 400*                             | 47.4                               | 84.3                                     | 6 600*                             | 62.0                                 |
| 64.0                                 | 41.8                               | 79.1                                     | 5 500*                             | 42.8                               | 80.0                                     | 5 700*                             | 44.1                               | 81.2                                     | 6 000*                             | 45.4                               | 82.3                                     | 6 300*                             | 64.0                                 |
| 66.0                                 | 39.6                               | 76.7                                     | 5 100*                             | 40.6                               | 77.6                                     | 5 300*                             | 42.0                               | 79.0                                     | 5 500*                             | 43.3                               | 80.2                                     | 5 800*                             | 66.0                                 |
| 68.0                                 | 37.2                               | 74.0                                     | 4 700*                             | 38.3                               | 75.1                                     | 4 800*                             | 39.7                               | 76.6                                     | 5 100*                             | 41.2                               | 77.9                                     | 5 300*                             | 68.0                                 |
| 70.0                                 | 34.7                               | 71.2                                     | 4 300*                             | 35.8                               | 72.3                                     | 4 500*                             | 37.4                               | 74.0                                     | 4 700*                             | 38.9                               | 75.4                                     | 4 900*                             | 70.0                                 |
| 72.0                                 | 32.1                               | 68.0                                     | 3 900*                             | 33.2                               | 69.3                                     | 4 100*                             | 34.9                               | 71.1                                     | 4 300*                             | 36.5                               | 72.7                                     | 4 500*                             | 72.0                                 |
| 74.0                                 | 29.1                               | 64.5                                     | 3 600*                             | 30.4                               | 65.9                                     | 3 700*                             | 32.2                               | 68.0                                     | 3 900*                             | 33.9                               | 69.7                                     | 4 100*                             | 74.0                                 |
| 76.0                                 | 25.9                               | 60.4                                     | 3 300*                             | 27.3                               | 62.1                                     | 3 400*                             | 29.3                               | 64.4                                     | 3 600*                             | 31.2                               | 66.5                                     | 3 800*                             | 76.0                                 |
| 78.0                                 | 22.3                               | 55.7                                     | 3 000*                             | 23.9                               | 57.7                                     | 3 100*                             | 26.1                               | 60.5                                     | 3 300*                             | 28.2                               | 62.8                                     | 3 500*                             | 78.0                                 |
| 80.0                                 | 17.9                               | 49.9                                     | 2 600*                             | 19.8                               | 52.5                                     | 2 800*                             | 22.5                               | 55.8                                     | 3 000*                             | 24.8                               | 58.6                                     | 3 200*                             | 80.0                                 |
| 82.0                                 |                                    |                                          |                                    | 14.7                               | 45.6                                     | 2 400*                             | 18.1                               | 50.0                                     | 2 700*                             | 21.0                               | 53.6                                     | 2 800*                             | 82.0                                 |
| 84.0                                 |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 16.2                               | 47.2                                     | 2 600*                             | 84.0                                 |



# Liftcrane Fixed Jib Capacities

**999 SERIES 3**

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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

**24.4m (80 Ft.) Boom, 64.0m (210 Ft.) Luffing Jib, 18.3m (60 Ft.) Fixed Jib**

| Fixed<br>Jib<br>Oper.<br>Rad.<br>Meters | 88 Degree<br>Boom Angle            |                                          |                                    | 86 Degree<br>Boom Angle            |                                          |                                    | 83 Degree<br>Boom Angle            |                                          |                                    | 80 Degree<br>Boom Angle            |                                          |                                    | Fixed<br>Jib<br>Oper.<br>Rad.<br>Meters |
|-----------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|-----------------------------------------|
|                                         | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms |                                         |
| 27.4                                    | 74.2                               | 106.4                                    | 9 300*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 27.4                                    |
| 28.0                                    | 73.8                               | 106.2                                    | 9 300*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 28.0                                    |
| 30.0                                    | 72.4                               | 105.5                                    | 9 200*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 30.0                                    |
| 32.0                                    | 70.9                               | 104.8                                    | 9 100*                             | 71.5                               | 105.1                                    | 10 500*                            |                                    |                                          |                                    |                                    |                                          |                                    | 32.0                                    |
| 34.0                                    | 69.4                               | 104.1                                    | 9 000*                             | 70.1                               | 104.3                                    | 10 400*                            |                                    |                                          |                                    |                                    |                                          |                                    | 34.0                                    |
| 36.0                                    | 67.9                               | 103.2                                    | 8 900*                             | 68.6                               | 103.5                                    | 10 300*                            |                                    |                                          |                                    |                                    |                                          |                                    | 36.0                                    |
| 38.0                                    | 66.4                               | 102.4                                    | 8 800*                             | 67.1                               | 102.7                                    | 10 200*                            | 68.0                               | 103.1                                    | 10 200*                            |                                    |                                          |                                    | 38.0                                    |
| 40.0                                    | 64.9                               | 101.4                                    | 8 700*                             | 65.5                               | 101.7                                    | 9 600*                             | 66.5                               | 102.2                                    | 10 100*                            |                                    |                                          |                                    | 40.0                                    |
| 42.0                                    | 63.3                               | 100.4                                    | 8 600*                             | 64.0                               | 100.8                                    | 9 100*                             | 65.0                               | 101.2                                    | 9 500*                             | 65.9                               | 101.6                                    | 9 800*                             | 42.0                                    |
| 44.0                                    | 61.8                               | 99.3                                     | 8 400*                             | 62.4                               | 99.7                                     | 8 700*                             | 63.4                               | 100.2                                    | 9 000*                             | 64.4                               | 100.6                                    | 9 400*                             | 44.0                                    |
| 46.0                                    | 60.2                               | 98.1                                     | 8 000*                             | 60.9                               | 98.6                                     | 8 200*                             | 61.9                               | 99.1                                     | 8 600*                             | 62.9                               | 99.6                                     | 9 000*                             | 46.0                                    |
| 48.0                                    | 58.6                               | 96.9                                     | 7 600*                             | 59.3                               | 97.4                                     | 7 800*                             | 60.3                               | 98.0                                     | 8 200*                             | 61.3                               | 98.5                                     | 8 500*                             | 48.0                                    |
| 50.0                                    | 56.9                               | 95.6                                     | 7 300*                             | 57.6                               | 96.1                                     | 7 500*                             | 58.7                               | 96.8                                     | 7 800*                             | 59.7                               | 97.3                                     | 8 100*                             | 50.0                                    |
| 52.0                                    | 55.2                               | 94.2                                     | 7 000*                             | 55.9                               | 94.7                                     | 7 100*                             | 57.0                               | 95.4                                     | 7 400*                             | 58.1                               | 96.1                                     | 7 700*                             | 52.0                                    |
| 54.0                                    | 53.5                               | 92.7                                     | 6 600*                             | 54.2                               | 93.3                                     | 6 800*                             | 55.3                               | 94.1                                     | 7 100*                             | 56.4                               | 94.7                                     | 7 400*                             | 54.0                                    |
| 56.0                                    | 51.7                               | 91.1                                     | 6 400*                             | 52.5                               | 91.7                                     | 6 500*                             | 53.6                               | 92.6                                     | 6 800*                             | 54.7                               | 93.3                                     | 7 100*                             | 56.0                                    |
| 58.0                                    | 49.9                               | 89.4                                     | 6 100*                             | 50.7                               | 90.1                                     | 6 300*                             | 51.9                               | 91.0                                     | 6 500*                             | 53.0                               | 91.8                                     | 6 800*                             | 58.0                                    |
| 60.0                                    | 48.1                               | 87.6                                     | 5 800*                             | 48.9                               | 88.3                                     | 6 000*                             | 50.0                               | 89.3                                     | 6 300*                             | 51.2                               | 90.1                                     | 6 500*                             | 60.0                                    |
| 62.0                                    | 46.2                               | 85.7                                     | 5 600*                             | 47.0                               | 86.5                                     | 5 800*                             | 48.2                               | 87.5                                     | 6 000*                             | 49.4                               | 88.4                                     | 6 200*                             | 62.0                                    |
| 64.0                                    | 44.2                               | 83.6                                     | 5 300*                             | 45.0                               | 84.5                                     | 5 400*                             | 46.3                               | 85.6                                     | 5 800*                             | 47.5                               | 86.6                                     | 6 000*                             | 64.0                                    |
| 66.0                                    | 42.1                               | 81.4                                     | 4 800*                             | 43.0                               | 82.3                                     | 5 000*                             | 44.3                               | 83.5                                     | 5 300*                             | 45.6                               | 84.6                                     | 5 600*                             | 66.0                                    |
| 68.0                                    | 40.0                               | 79.0                                     | 4 400*                             | 40.9                               | 80.0                                     | 4 600*                             | 42.3                               | 81.3                                     | 4 900*                             | 43.6                               | 82.5                                     | 5 100*                             | 68.0                                    |
| 70.0                                    | 37.7                               | 76.4                                     | 4 100*                             | 38.7                               | 77.5                                     | 4 200*                             | 40.1                               | 78.9                                     | 4 500*                             | 41.5                               | 80.2                                     | 4 700*                             | 70.0                                    |
| 72.0                                    | 35.4                               | 73.6                                     | 3 700*                             | 36.4                               | 74.8                                     | 3 900*                             | 37.9                               | 76.4                                     | 4 100*                             | 39.3                               | 77.8                                     | 4 300*                             | 72.0                                    |
| 74.0                                    | 32.8                               | 70.6                                     | 3 400*                             | 33.9                               | 71.8                                     | 3 500*                             | 35.5                               | 73.6                                     | 3 700*                             | 37.0                               | 75.1                                     | 3 900*                             | 74.0                                    |
| 76.0                                    | 30.1                               | 67.2                                     | 3 100*                             | 31.3                               | 68.6                                     | 3 200*                             | 33.0                               | 70.5                                     | 3 400*                             | 34.6                               | 72.3                                     | 3 600*                             | 76.0                                    |
| 78.0                                    | 27.1                               | 63.3                                     | 2 800*                             | 28.4                               | 64.9                                     | 2 900*                             | 30.3                               | 67.1                                     | 3 100*                             | 32.0                               | 69.1                                     | 3 300*                             | 78.0                                    |
| 80.0                                    | 23.8                               | 58.9                                     | 2 500*                             | 25.2                               | 60.8                                     | 2 600*                             | 27.3                               | 63.3                                     | 2 800*                             | 29.2                               | 65.6                                     | 3 000*                             | 80.0                                    |
| 82.0                                    | 19.9                               | 53.6                                     | 2 200*                             | 21.6                               | 55.9                                     | 2 300*                             | 24.0                               | 59.0                                     | 2 500*                             | 26.1                               | 61.6                                     | 2 700*                             | 82.0                                    |
| 84.0                                    |                                    |                                          |                                    |                                    |                                          |                                    | 20.1                               | 53.7                                     | 2 200*                             | 22.6                               | 56.9                                     | 2 400*                             | 84.0                                    |
| 86.0                                    |                                    |                                          |                                    |                                    |                                          |                                    | 15.3                               | 47.1                                     | 2 000*                             | 18.5                               | 51.3                                     | 2 100*                             | 86.0                                    |
| 88.0                                    |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 13.1                               | 43.6                                     | 1 900*                             | 88.0                                    |

# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

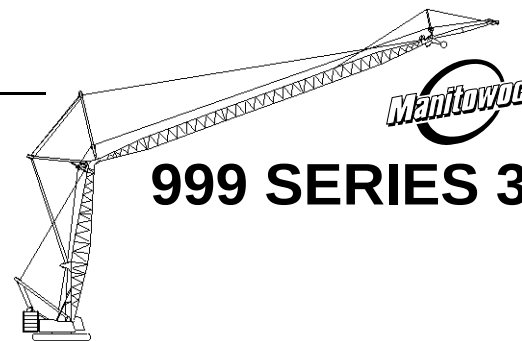
Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



**999 SERIES 3**

**24.4m (80 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib, 21.3m (70 Ft.) Fixed Jib**

| Fixed Jib<br>Oper.<br>Rad.<br>Meters | 88 Degree<br>Boom Angle            |                                          |                                    | 86 Degree<br>Boom Angle            |                                          |                                    | 83 Degree<br>Boom Angle            |                                          |                                    | 80 Degree<br>Boom Angle            |                                          |                                    | Fixed Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|--------------------------------------|
|                                      | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms |                                      |
| 24.4                                 | 74.6                               | 97.8                                     | 8 400*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 24.4                                 |
| 26.0                                 | 73.3                               | 97.3                                     | 8 300*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 26.0                                 |
| 28.0                                 | 71.6                               | 96.6                                     | 8 100*                             | 72.3                               | 96.8                                     | 9 400*                             |                                    |                                          |                                    |                                    |                                          |                                    | 28.0                                 |
| 30.0                                 | 70.0                               | 95.8                                     | 8 000*                             | 70.7                               | 96.1                                     | 9 200*                             |                                    |                                          |                                    |                                    |                                          |                                    | 30.0                                 |
| 32.0                                 | 68.3                               | 95.0                                     | 7 800*                             | 69.0                               | 95.3                                     | 9 000*                             |                                    |                                          |                                    |                                    |                                          |                                    | 32.0                                 |
| 34.0                                 | 66.6                               | 94.2                                     | 7 600*                             | 67.3                               | 94.5                                     | 8 800*                             | 68.4                               | 94.9                                     | 8 900*                             |                                    |                                          |                                    | 34.0                                 |
| 36.0                                 | 64.9                               | 93.2                                     | 7 500*                             | 65.6                               | 93.6                                     | 8 700*                             | 66.7                               | 94.0                                     | 8 700*                             |                                    |                                          |                                    | 36.0                                 |
| 38.0                                 | 63.2                               | 92.2                                     | 7 300*                             | 63.9                               | 92.6                                     | 8 500*                             | 65.0                               | 93.0                                     | 8 500*                             |                                    |                                          |                                    | 38.0                                 |
| 40.0                                 | 61.4                               | 91.1                                     | 7 200*                             | 62.1                               | 91.5                                     | 8 300*                             | 63.3                               | 92.0                                     | 8 400*                             | 64.4                               | 92.4                                     | 8 400*                             | 40.0                                 |
| 42.0                                 | 59.6                               | 89.9                                     | 7 000*                             | 60.4                               | 90.3                                     | 8 100*                             | 61.5                               | 90.9                                     | 8 200*                             | 62.6                               | 91.4                                     | 8 200*                             | 42.0                                 |
| 44.0                                 | 57.8                               | 88.6                                     | 6 900*                             | 58.5                               | 89.1                                     | 8 000*                             | 59.7                               | 89.7                                     | 8 000*                             | 60.8                               | 90.3                                     | 8 100*                             | 44.0                                 |
| 46.0                                 | 55.9                               | 87.3                                     | 6 700*                             | 56.7                               | 87.8                                     | 7 800*                             | 57.9                               | 88.5                                     | 8 000*                             | 59.0                               | 89.1                                     | 7 900*                             | 46.0                                 |
| 48.0                                 | 54.0                               | 85.8                                     | 6 600*                             | 54.8                               | 86.4                                     | 7 700*                             | 56.0                               | 87.1                                     | 7 800*                             | 57.2                               | 87.8                                     | 7 800*                             | 48.0                                 |
| 50.0                                 | 52.0                               | 84.2                                     | 6 500*                             | 52.8                               | 84.8                                     | 7 500*                             | 54.1                               | 85.7                                     | 7 600*                             | 55.3                               | 86.4                                     | 7 600*                             | 50.0                                 |
| 52.0                                 | 50.0                               | 82.6                                     | 6 400*                             | 50.8                               | 83.2                                     | 7 200*                             | 52.1                               | 84.1                                     | 7 500*                             | 53.3                               | 84.9                                     | 7 500*                             | 52.0                                 |
| 54.0                                 | 47.9                               | 80.7                                     | 6 300*                             | 48.8                               | 81.5                                     | 6 900*                             | 50.1                               | 82.4                                     | 7 200*                             | 51.4                               | 83.3                                     | 7 400*                             | 54.0                                 |
| 56.0                                 | 45.7                               | 78.8                                     | 6 100*                             | 46.6                               | 79.6                                     | 6 500*                             | 48.0                               | 80.6                                     | 6 800*                             | 49.3                               | 81.5                                     | 7 200*                             | 56.0                                 |
| 58.0                                 | 43.5                               | 76.7                                     | 6 000*                             | 44.4                               | 77.5                                     | 6 200*                             | 45.8                               | 78.7                                     | 6 500*                             | 47.2                               | 79.7                                     | 6 800*                             | 58.0                                 |
| 60.0                                 | 41.1                               | 74.4                                     | 5 800*                             | 42.1                               | 75.3                                     | 6 000*                             | 43.6                               | 76.6                                     | 6 200*                             | 45.0                               | 77.7                                     | 6 500*                             | 60.0                                 |
| 62.0                                 | 38.6                               | 71.9                                     | 5 500*                             | 39.7                               | 72.9                                     | 5 700*                             | 41.2                               | 74.3                                     | 6 000*                             | 42.7                               | 75.5                                     | 6 200*                             | 62.0                                 |
| 64.0                                 | 36.0                               | 69.2                                     | 5 300*                             | 37.1                               | 70.3                                     | 5 500*                             | 38.8                               | 71.8                                     | 5 700*                             | 40.3                               | 73.2                                     | 5 900*                             | 64.0                                 |
| 66.0                                 | 33.2                               | 66.2                                     | 5 100*                             | 34.4                               | 67.4                                     | 5 200*                             | 36.2                               | 69.1                                     | 5 500*                             | 37.8                               | 70.6                                     | 5 700*                             | 66.0                                 |
| 68.0                                 | 30.2                               | 62.8                                     | 4 900*                             | 31.5                               | 64.2                                     | 5 000*                             | 33.4                               | 66.1                                     | 5 300*                             | 35.2                               | 67.8                                     | 5 500*                             | 68.0                                 |
| 70.0                                 | 26.8                               | 58.9                                     | 4 700*                             | 28.3                               | 60.6                                     | 4 900*                             | 30.3                               | 62.8                                     | 5 000*                             | 32.3                               | 64.7                                     | 5 300*                             | 70.0                                 |
| 72.0                                 | 22.9                               | 54.4                                     | 4 500*                             | 24.7                               | 56.3                                     | 4 700*                             | 27.0                               | 58.9                                     | 4 900*                             | 29.1                               | 61.2                                     | 5 000*                             | 72.0                                 |
| 74.0                                 | 18.3                               | 48.7                                     | 4 200*                             | 20.4                               | 51.2                                     | 4 500*                             | 23.2                               | 54.4                                     | 4 700*                             | 25.6                               | 57.1                                     | 4 900*                             | 74.0                                 |
| 76.0                                 | 11.9                               | 40.7                                     | 3 300*                             | 15.0                               | 44.5                                     | 4 000*                             | 18.6                               | 48.9                                     | 4 400*                             | 21.6                               | 52.3                                     | 4 600*                             | 76.0                                 |
| 78.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 12.4                               | 41.1                                     | 4 000*                             | 16.6                               | 46.2                                     | 4 300*                             | 78.0                                 |



# Liftcrane Fixed Jib Capacities

**999 SERIES 3**

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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

**24.4m (80 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib, 21.3m (70 Ft.) Fixed Jib**

| Fixed Jib Oper. Rad. Meters | 88 Degree Boom Angle      |                              |                              | 86 Degree Boom Angle      |                              |                              | 83 Degree Boom Angle      |                              |                              | 80 Degree Boom Angle      |                              |                              | Fixed Jib Oper. Rad. Meters |
|-----------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|-----------------------------|
|                             | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms |                             |
| 25.9                        | 74.0                      | 100.5                        | 8 200*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 25.9                        |
| 26.0                        | 73.9                      | 100.4                        | 8 200*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 26.0                        |
| 28.0                        | 72.4                      | 99.8                         | 8 000*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 28.0                        |
| 30.0                        | 70.8                      | 99.1                         | 7 800*                       | 71.5                      | 99.3                         | 9 100*                       |                           |                              |                              |                           |                              |                              | 30.0                        |
| 32.0                        | 69.2                      | 98.3                         | 7 700*                       | 69.9                      | 98.6                         | 8 900*                       |                           |                              |                              |                           |                              |                              | 32.0                        |
| 34.0                        | 67.6                      | 97.5                         | 7 500*                       | 68.3                      | 97.8                         | 8 800*                       | 69.3                      | 98.1                         | 8 800*                       |                           |                              |                              | 34.0                        |
| 36.0                        | 66.0                      | 96.6                         | 7 400*                       | 66.7                      | 96.9                         | 8 600*                       | 67.7                      | 97.3                         | 8 600*                       |                           |                              |                              | 36.0                        |
| 38.0                        | 64.3                      | 95.6                         | 7 300*                       | 65.0                      | 96.0                         | 8 400*                       | 66.1                      | 96.4                         | 8 400*                       |                           |                              |                              | 38.0                        |
| 40.0                        | 62.6                      | 94.6                         | 7 100*                       | 63.3                      | 95.0                         | 8 300*                       | 64.4                      | 95.4                         | 8 300*                       | 65.4                      | 95.8                         | 8 500*                       | 40.0                        |
| 42.0                        | 60.9                      | 93.5                         | 7 000*                       | 61.6                      | 93.9                         | 8 100*                       | 62.7                      | 94.4                         | 8 100*                       | 63.8                      | 94.8                         | 8 200*                       | 42.0                        |
| 44.0                        | 59.2                      | 92.3                         | 6 900*                       | 59.9                      | 92.7                         | 7 900*                       | 61.0                      | 93.3                         | 8 000*                       | 62.1                      | 93.8                         | 8 000*                       | 44.0                        |
| 46.0                        | 57.4                      | 91.0                         | 6 700*                       | 58.2                      | 91.5                         | 7 800*                       | 59.3                      | 92.1                         | 7 800*                       | 60.4                      | 92.6                         | 7 900*                       | 46.0                        |
| 48.0                        | 55.6                      | 89.6                         | 6 600*                       | 56.4                      | 90.1                         | 7 600*                       | 57.5                      | 90.8                         | 7 700*                       | 58.6                      | 91.4                         | 7 800*                       | 48.0                        |
| 50.0                        | 53.8                      | 88.1                         | 6 400*                       | 54.6                      | 88.7                         | 7 300*                       | 55.7                      | 89.4                         | 7 500*                       | 56.9                      | 90.1                         | 7 600*                       | 50.0                        |
| 52.0                        | 51.9                      | 86.5                         | 6 300*                       | 52.7                      | 87.2                         | 6 900*                       | 53.9                      | 88.0                         | 7 200*                       | 55.0                      | 88.7                         | 7 500*                       | 52.0                        |
| 54.0                        | 49.9                      | 84.9                         | 6 200*                       | 50.8                      | 85.5                         | 6 600*                       | 52.0                      | 86.4                         | 6 900*                       | 53.2                      | 87.2                         | 7 200*                       | 54.0                        |
| 56.0                        | 47.9                      | 83.0                         | 6 100*                       | 48.8                      | 83.8                         | 6 300*                       | 50.0                      | 84.7                         | 6 600*                       | 51.3                      | 85.6                         | 6 800*                       | 56.0                        |
| 58.0                        | 45.8                      | 81.1                         | 5 800*                       | 46.7                      | 81.9                         | 6 000*                       | 48.0                      | 82.9                         | 6 200*                       | 49.3                      | 83.8                         | 6 500*                       | 58.0                        |
| 60.0                        | 43.7                      | 79.0                         | 5 500*                       | 44.6                      | 79.8                         | 5 700*                       | 46.0                      | 81.0                         | 6 000*                       | 47.3                      | 82.0                         | 6 200*                       | 60.0                        |
| 62.0                        | 41.4                      | 76.8                         | 5 300*                       | 42.4                      | 77.7                         | 5 500*                       | 43.8                      | 78.9                         | 5 700*                       | 45.2                      | 80.0                         | 5 900*                       | 62.0                        |
| 64.0                        | 39.1                      | 74.3                         | 5 100*                       | 40.1                      | 75.3                         | 5 300*                       | 41.6                      | 76.7                         | 5 500*                       | 43.0                      | 77.9                         | 5 700*                       | 64.0                        |
| 66.0                        | 36.6                      | 71.6                         | 4 900*                       | 37.7                      | 72.7                         | 5 000*                       | 39.2                      | 74.2                         | 5 200*                       | 40.7                      | 75.6                         | 5 500*                       | 66.0                        |
| 68.0                        | 34.0                      | 68.7                         | 4 700*                       | 35.1                      | 69.9                         | 4 900*                       | 36.8                      | 71.6                         | 5 000*                       | 38.3                      | 73.0                         | 5 200*                       | 68.0                        |
| 70.0                        | 31.1                      | 65.4                         | 4 500*                       | 32.4                      | 66.8                         | 4 600*                       | 34.1                      | 68.6                         | 4 900*                       | 35.8                      | 70.3                         | 5 000*                       | 70.0                        |
| 72.0                        | 28.0                      | 61.7                         | 4 400*                       | 29.4                      | 63.3                         | 4 500*                       | 31.3                      | 65.4                         | 4 700*                       | 33.1                      | 67.3                         | 4 900*                       | 72.0                        |
| 74.0                        | 24.5                      | 57.5                         | 4 100*                       | 26.0                      | 59.3                         | 4 300*                       | 28.2                      | 61.7                         | 4 500*                       | 30.2                      | 63.9                         | 4 600*                       | 74.0                        |
| 76.0                        | 20.4                      | 52.4                         | 3 800*                       | 22.3                      | 54.6                         | 4 000*                       | 24.7                      | 57.5                         | 4 200*                       | 27.0                      | 60.0                         | 4 300*                       | 76.0                        |
| 78.0                        | 15.3                      | 45.8                         | 3 200*                       | 17.7                      | 48.8                         | 3 600*                       | 20.7                      | 52.5                         | 3 800*                       | 23.3                      | 55.6                         | 4 000*                       | 78.0                        |
| 80.0                        |                           |                              |                              | 11.2                      | 40.4                         | 2 800*                       | 15.6                      | 46.0                         | 3 500*                       | 19.0                      | 50.1                         | 3 700*                       | 80.0                        |
| 82.0                        |                           |                              |                              |                           |                              |                              | 7.5                       | 35.2                         | 2 600*                       | 13.2                      | 42.7                         | 3 400*                       | 82.0                        |

# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

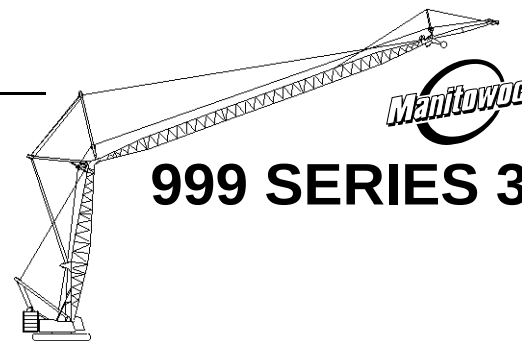
Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 999 SERIES 3

**24.4m (80 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib, 21.3m (70 Ft.) Fixed Jib**

| Fixed Jib<br>Oper.<br>Rad.<br>Meters | 88 Degree<br>Boom Angle            |                                          |                                    | 86 Degree<br>Boom Angle            |                                          |                                    | 83 Degree<br>Boom Angle            |                                          |                                    | 80 Degree<br>Boom Angle            |                                          |                                    | Fixed Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|--------------------------------------|
|                                      | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms |                                      |
| 25.9                                 | 74.6                               | 103.7                                    | 8 000*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 25.9                                 |
| 26.0                                 | 74.6                               | 103.6                                    | 8 000*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 26.0                                 |
| 28.0                                 | 73.1                               | 103.0                                    | 7 800*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 28.0                                 |
| 30.0                                 | 71.6                               | 102.3                                    | 7 700*                             | 72.2                               | 102.6                                    | 8 900*                             |                                    |                                          |                                    |                                    |                                          |                                    | 30.0                                 |
| 32.0                                 | 70.0                               | 101.6                                    | 7 600*                             | 70.7                               | 101.9                                    | 8 800*                             |                                    |                                          |                                    |                                    |                                          |                                    | 32.0                                 |
| 34.0                                 | 68.5                               | 100.8                                    | 7 500*                             | 69.2                               | 101.1                                    | 8 600*                             |                                    |                                          |                                    |                                    |                                          |                                    | 34.0                                 |
| 36.0                                 | 66.9                               | 99.9                                     | 7 300*                             | 67.6                               | 100.2                                    | 8 500*                             | 68.6                               | 100.6                                    | 8 500*                             |                                    |                                          |                                    | 36.0                                 |
| 38.0                                 | 65.4                               | 99.0                                     | 7 200*                             | 66.0                               | 99.3                                     | 8 300*                             | 67.0                               | 99.8                                     | 8 300*                             |                                    |                                          |                                    | 38.0                                 |
| 40.0                                 | 63.8                               | 98.0                                     | 7 000*                             | 64.4                               | 98.4                                     | 8 200*                             | 65.5                               | 98.8                                     | 8 200*                             | 66.4                               | 99.2                                     | 8 200*                             | 40.0                                 |
| 42.0                                 | 62.1                               | 97.0                                     | 6 900*                             | 62.8                               | 97.3                                     | 8 000*                             | 63.9                               | 97.9                                     | 8 100*                             | 64.9                               | 98.3                                     | 8 100*                             | 42.0                                 |
| 44.0                                 | 60.5                               | 95.8                                     | 6 800*                             | 61.2                               | 96.2                                     | 7 900*                             | 62.2                               | 96.8                                     | 7 900*                             | 63.3                               | 97.2                                     | 7 900*                             | 44.0                                 |
| 46.0                                 | 58.8                               | 94.6                                     | 6 700*                             | 59.5                               | 95.1                                     | 7 800*                             | 60.6                               | 95.7                                     | 7 800*                             | 61.6                               | 96.2                                     | 7 800*                             | 46.0                                 |
| 48.0                                 | 57.1                               | 93.3                                     | 6 600*                             | 57.8                               | 93.8                                     | 7 700*                             | 58.9                               | 94.4                                     | 7 600*                             | 60.0                               | 95.0                                     | 7 700*                             | 48.0                                 |
| 50.0                                 | 55.4                               | 91.9                                     | 6 500*                             | 56.1                               | 92.4                                     | 7 500*                             | 57.2                               | 93.1                                     | 7 500*                             | 58.3                               | 93.7                                     | 7 500*                             | 50.0                                 |
| 52.0                                 | 53.6                               | 90.4                                     | 6 400*                             | 54.3                               | 91.0                                     | 7 200*                             | 55.5                               | 91.8                                     | 7 400*                             | 56.6                               | 92.4                                     | 7 400*                             | 52.0                                 |
| 54.0                                 | 51.8                               | 88.8                                     | 6 200*                             | 52.5                               | 89.5                                     | 6 900*                             | 53.7                               | 90.3                                     | 7 200*                             | 54.8                               | 91.0                                     | 7 300*                             | 54.0                                 |
| 56.0                                 | 49.9                               | 87.2                                     | 6 100*                             | 50.7                               | 87.8                                     | 6 600*                             | 51.9                               | 88.7                                     | 6 900*                             | 53.0                               | 89.5                                     | 7 100*                             | 56.0                                 |
| 58.0                                 | 48.0                               | 85.3                                     | 6 000*                             | 48.8                               | 86.1                                     | 6 300*                             | 50.0                               | 87.0                                     | 6 600*                             | 51.2                               | 87.9                                     | 6 800*                             | 58.0                                 |
| 60.0                                 | 46.0                               | 83.4                                     | 5 800*                             | 46.8                               | 84.2                                     | 6 000*                             | 48.1                               | 85.2                                     | 6 300*                             | 49.3                               | 86.1                                     | 6 500*                             | 60.0                                 |
| 62.0                                 | 43.9                               | 81.3                                     | 5 600*                             | 44.8                               | 82.2                                     | 5 800*                             | 46.1                               | 83.3                                     | 6 000*                             | 47.3                               | 84.3                                     | 6 300*                             | 62.0                                 |
| 64.0                                 | 41.8                               | 79.1                                     | 5 400*                             | 42.7                               | 80.0                                     | 5 500*                             | 44.0                               | 81.2                                     | 5 800*                             | 45.3                               | 82.3                                     | 6 000*                             | 64.0                                 |
| 66.0                                 | 39.5                               | 76.7                                     | 5 200*                             | 40.5                               | 77.7                                     | 5 300*                             | 41.9                               | 79.0                                     | 5 500*                             | 43.2                               | 80.2                                     | 5 700*                             | 66.0                                 |
| 68.0                                 | 37.2                               | 74.1                                     | 5 000*                             | 38.2                               | 75.1                                     | 5 100*                             | 39.6                               | 76.6                                     | 5 300*                             | 41.1                               | 77.9                                     | 5 500*                             | 68.0                                 |
| 70.0                                 | 34.7                               | 71.2                                     | 4 600*                             | 35.7                               | 72.4                                     | 4 800*                             | 37.3                               | 74.0                                     | 5 000*                             | 38.8                               | 75.4                                     | 5 300*                             | 70.0                                 |
| 72.0                                 | 32.0                               | 68.0                                     | 4 300*                             | 33.1                               | 69.3                                     | 4 500*                             | 34.8                               | 71.1                                     | 4 700*                             | 36.4                               | 72.7                                     | 4 900*                             | 72.0                                 |
| 74.0                                 | 29.1                               | 64.5                                     | 4 000*                             | 30.3                               | 66.0                                     | 4 100*                             | 32.1                               | 68.0                                     | 4 300*                             | 33.8                               | 69.8                                     | 4 500*                             | 74.0                                 |
| 76.0                                 | 25.9                               | 60.5                                     | 3 700*                             | 27.3                               | 62.2                                     | 3 800*                             | 29.2                               | 64.5                                     | 4 000*                             | 31.1                               | 66.5                                     | 4 200*                             | 76.0                                 |
| 78.0                                 | 22.2                               | 55.8                                     | 3 400*                             | 23.8                               | 57.8                                     | 3 500*                             | 26.1                               | 60.5                                     | 3 700*                             | 28.1                               | 62.8                                     | 3 900*                             | 78.0                                 |
| 80.0                                 | 17.8                               | 50.0                                     | 3 000*                             | 19.8                               | 52.5                                     | 3 200*                             | 22.4                               | 55.8                                     | 3 400*                             | 24.8                               | 58.6                                     | 3 600*                             | 80.0                                 |
| 82.0                                 | 11.8                               | 41.8                                     | 2 100*                             | 14.7                               | 45.7                                     | 2 700*                             | 18.1                               | 50.1                                     | 3 100*                             | 20.9                               | 53.7                                     | 3 300*                             | 82.0                                 |
| 84.0                                 |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 16.2                               | 47.3                                     | 3 000*                             | 84.0                                 |



# Liftcrane Fixed Jib Capacities

**999 SERIES 3**

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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

**24.4m (80 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib, 21.3m (70 Ft.) Fixed Jib**

| Fixed Jib Oper. Rad. Meters | 88 Degree Boom Angle      |                              |                              | 86 Degree Boom Angle      |                              |                              | 83 Degree Boom Angle      |                              |                              | 80 Degree Boom Angle      |                              |                              | Fixed Jib Oper. Rad. Meters |
|-----------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|-----------------------------|
|                             | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms |                             |
| 27.4                        | 74.1                      | 106.4                        | 7 800*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 27.4                        |
| 28.0                        | 73.7                      | 106.2                        | 7 700*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 28.0                        |
| 30.0                        | 72.3                      | 105.6                        | 7 600*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 30.0                        |
| 32.0                        | 70.8                      | 104.9                        | 7 500*                       | 71.4                      | 105.1                        | 8 700*                       |                           |                              |                              |                           |                              |                              | 32.0                        |
| 34.0                        | 69.3                      | 104.1                        | 7 400*                       | 70.0                      | 104.4                        | 8 500*                       |                           |                              |                              |                           |                              |                              | 34.0                        |
| 36.0                        | 67.8                      | 103.3                        | 7 200*                       | 68.5                      | 103.6                        | 8 400*                       |                           |                              |                              |                           |                              |                              | 36.0                        |
| 38.0                        | 66.3                      | 102.4                        | 7 100*                       | 67.0                      | 102.7                        | 8 200*                       | 67.9                      | 103.1                        | 8 200*                       |                           |                              |                              | 38.0                        |
| 40.0                        | 64.8                      | 101.4                        | 7 000*                       | 65.5                      | 101.8                        | 8 000*                       | 66.4                      | 102.2                        | 8 100*                       |                           |                              |                              | 40.0                        |
| 42.0                        | 63.3                      | 100.4                        | 6 800*                       | 63.9                      | 100.8                        | 7 900*                       | 64.9                      | 101.3                        | 7 900*                       | 65.9                      | 101.6                        | 7 900*                       | 42.0                        |
| 44.0                        | 61.7                      | 99.3                         | 6 700*                       | 62.4                      | 99.7                         | 7 800*                       | 63.3                      | 100.2                        | 7 900*                       | 64.3                      | 100.7                        | 7 800*                       | 44.0                        |
| 46.0                        | 60.1                      | 98.2                         | 6 600*                       | 60.8                      | 98.6                         | 7 700*                       | 61.8                      | 99.2                         | 7 800*                       | 62.8                      | 99.6                         | 7 700*                       | 46.0                        |
| 48.0                        | 58.5                      | 96.9                         | 6 500*                       | 59.2                      | 97.4                         | 7 600*                       | 60.2                      | 98.0                         | 7 600*                       | 61.2                      | 98.5                         | 7 600*                       | 48.0                        |
| 50.0                        | 56.8                      | 95.6                         | 6 400*                       | 57.5                      | 96.1                         | 7 300*                       | 58.6                      | 96.8                         | 7 400*                       | 59.6                      | 97.3                         | 7 500*                       | 50.0                        |
| 52.0                        | 55.1                      | 94.2                         | 6 300*                       | 55.9                      | 94.8                         | 7 000*                       | 56.9                      | 95.5                         | 7 300*                       | 58.0                      | 96.1                         | 7 300*                       | 52.0                        |
| 54.0                        | 53.4                      | 92.7                         | 6 200*                       | 54.2                      | 93.3                         | 6 700*                       | 55.2                      | 94.1                         | 7 000*                       | 56.3                      | 94.7                         | 7 300*                       | 54.0                        |
| 56.0                        | 51.7                      | 91.1                         | 6 100*                       | 52.4                      | 91.8                         | 6 400*                       | 53.5                      | 92.6                         | 6 600*                       | 54.6                      | 93.3                         | 6 900*                       | 56.0                        |
| 58.0                        | 49.9                      | 89.5                         | 5 900*                       | 50.6                      | 90.1                         | 6 100*                       | 51.8                      | 91.0                         | 6 300*                       | 52.9                      | 91.8                         | 6 600*                       | 58.0                        |
| 60.0                        | 48.0                      | 87.6                         | 5 600*                       | 48.8                      | 88.4                         | 5 800*                       | 50.0                      | 89.3                         | 6 100*                       | 51.1                      | 90.2                         | 6 300*                       | 60.0                        |
| 62.0                        | 46.1                      | 85.7                         | 5 400*                       | 46.9                      | 86.5                         | 5 600*                       | 48.1                      | 87.5                         | 5 800*                       | 49.3                      | 88.4                         | 6 100*                       | 62.0                        |
| 64.0                        | 44.1                      | 83.7                         | 5 200*                       | 45.0                      | 84.5                         | 5 300*                       | 46.2                      | 85.6                         | 5 600*                       | 47.4                      | 86.6                         | 5 800*                       | 64.0                        |
| 66.0                        | 42.0                      | 81.4                         | 5 000*                       | 42.9                      | 82.3                         | 5 200*                       | 44.2                      | 83.6                         | 5 300*                       | 45.5                      | 84.6                         | 5 600*                       | 66.0                        |
| 68.0                        | 39.9                      | 79.1                         | 4 800*                       | 40.8                      | 80.0                         | 4 900*                       | 42.2                      | 81.4                         | 5 100*                       | 43.5                      | 82.5                         | 5 300*                       | 68.0                        |
| 70.0                        | 37.7                      | 76.5                         | 4 400*                       | 38.6                      | 77.5                         | 4 600*                       | 40.0                      | 79.0                         | 4 800*                       | 41.4                      | 80.3                         | 5 100*                       | 70.0                        |
| 72.0                        | 35.3                      | 73.7                         | 4 100*                       | 36.3                      | 74.8                         | 4 200*                       | 37.8                      | 76.4                         | 4 400*                       | 39.2                      | 77.8                         | 4 600*                       | 72.0                        |
| 74.0                        | 32.8                      | 70.6                         | 3 700*                       | 33.8                      | 71.9                         | 3 900*                       | 35.4                      | 73.6                         | 4 100*                       | 36.9                      | 75.2                         | 4 300*                       | 74.0                        |
| 76.0                        | 30.0                      | 67.2                         | 3 400*                       | 31.2                      | 68.6                         | 3 500*                       | 32.9                      | 70.6                         | 3 700*                       | 34.5                      | 72.3                         | 3 900*                       | 76.0                        |
| 78.0                        | 27.0                      | 63.4                         | 3 100*                       | 28.3                      | 65.0                         | 3 200*                       | 30.2                      | 67.2                         | 3 400*                       | 31.9                      | 69.1                         | 3 600*                       | 78.0                        |
| 80.0                        | 23.7                      | 59.0                         | 2 800*                       | 25.2                      | 60.8                         | 2 900*                       | 27.2                      | 63.4                         | 3 100*                       | 29.1                      | 65.6                         | 3 300*                       | 80.0                        |
| 82.0                        | 19.8                      | 53.7                         | 2 600*                       | 21.6                      | 56.0                         | 2 700*                       | 23.9                      | 59.0                         | 2 800*                       | 26.0                      | 61.6                         | 3 000*                       | 82.0                        |
| 84.0                        |                           |                              |                              | 17.2                      | 50.0                         | 2 400*                       | 20.1                      | 53.8                         | 2 600*                       | 22.6                      | 57.0                         | 2 700*                       | 84.0                        |
| 86.0                        |                           |                              |                              |                           |                              |                              | 15.3                      | 47.1                         | 2 300*                       | 18.4                      | 51.3                         | 2 500*                       | 86.0                        |
| 88.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 13.0                      | 43.7                         | 2 200*                       | 88.0                        |

# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

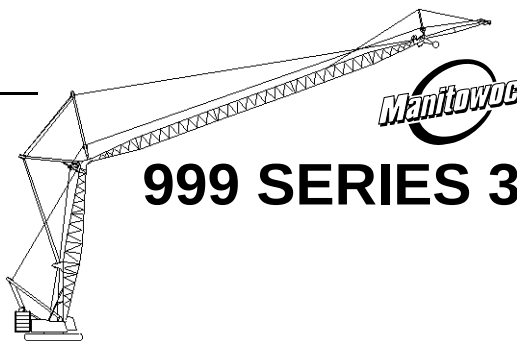
Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 999 SERIES 3

**24.4m (80 Ft.) Boom, 64.0m (210 Ft.) Luffing Jib, 21.3m (70 Ft.) Fixed Jib**

| Fixed Jib<br>Oper.<br>Rad.<br>Meters | 88 Degree<br>Boom Angle            |                                          |                                    | 86 Degree<br>Boom Angle            |                                          |                                    | 83 Degree<br>Boom Angle            |                                          |                                    | 80 Degree<br>Boom Angle            |                                          |                                    | Fixed Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|--------------------------------------|
|                                      | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms |                                      |
| 27.4                                 | 74.7                               | 109.6                                    | 7 500*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 27.4                                 |
| 28.0                                 | 74.3                               | 109.4                                    | 7 500*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 28.0                                 |
| 30.0                                 | 72.9                               | 108.8                                    | 7 400*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 30.0                                 |
| 32.0                                 | 71.5                               | 108.1                                    | 7 300*                             | 72.1                               | 108.3                                    | 8 400*                             |                                    |                                          |                                    |                                    |                                          |                                    | 32.0                                 |
| 34.0                                 | 70.1                               | 107.4                                    | 7 200*                             | 70.7                               | 107.6                                    | 8 300*                             |                                    |                                          |                                    |                                    |                                          |                                    | 34.0                                 |
| 36.0                                 | 68.7                               | 106.6                                    | 7 100*                             | 69.3                               | 106.8                                    | 8 200*                             |                                    |                                          |                                    |                                    |                                          |                                    | 36.0                                 |
| 38.0                                 | 67.2                               | 105.7                                    | 7 000*                             | 67.8                               | 106.0                                    | 8 000*                             | 68.7                               | 106.4                                    | 8 100*                             |                                    |                                          |                                    | 38.0                                 |
| 40.0                                 | 65.8                               | 104.8                                    | 6 800*                             | 66.4                               | 105.1                                    | 8 000*                             | 67.3                               | 105.5                                    | 7 900*                             |                                    |                                          |                                    | 40.0                                 |
| 42.0                                 | 64.3                               | 103.8                                    | 6 800*                             | 64.9                               | 104.2                                    | 7 800*                             | 65.8                               | 104.6                                    | 7 800*                             |                                    |                                          |                                    | 42.0                                 |
| 44.0                                 | 62.8                               | 102.8                                    | 6 600*                             | 63.4                               | 103.2                                    | 7 700*                             | 64.4                               | 103.7                                    | 7 800*                             | 65.3                               | 104.1                                    | 7 700*                             | 44.0                                 |
| 46.0                                 | 61.3                               | 101.7                                    | 6 500*                             | 61.9                               | 102.1                                    | 7 600*                             | 62.9                               | 102.6                                    | 7 600*                             | 63.8                               | 103.1                                    | 7 600*                             | 46.0                                 |
| 48.0                                 | 59.7                               | 100.5                                    | 6 400*                             | 60.4                               | 101.0                                    | 7 400*                             | 61.4                               | 101.5                                    | 7 500*                             | 62.3                               | 102.0                                    | 7 500*                             | 48.0                                 |
| 50.0                                 | 58.2                               | 99.3                                     | 6 300*                             | 58.8                               | 99.7                                     | 7 000*                             | 59.8                               | 100.4                                    | 7 300*                             | 60.8                               | 100.9                                    | 7 400*                             | 50.0                                 |
| 52.0                                 | 56.6                               | 97.9                                     | 6 200*                             | 57.2                               | 98.4                                     | 6 600*                             | 58.2                               | 99.1                                     | 6 900*                             | 59.2                               | 99.7                                     | 7 200*                             | 52.0                                 |
| 54.0                                 | 54.9                               | 96.5                                     | 6 100*                             | 55.6                               | 97.1                                     | 6 300*                             | 56.6                               | 97.8                                     | 6 600*                             | 57.7                               | 98.4                                     | 6 900*                             | 54.0                                 |
| 56.0                                 | 53.3                               | 95.0                                     | 5 900*                             | 54.0                               | 95.6                                     | 6 000*                             | 55.0                               | 96.4                                     | 6 300*                             | 56.0                               | 97.1                                     | 6 600*                             | 56.0                                 |
| 58.0                                 | 51.6                               | 93.4                                     | 5 600*                             | 52.3                               | 94.1                                     | 5 800*                             | 53.4                               | 94.9                                     | 6 000*                             | 54.4                               | 95.6                                     | 6 200*                             | 58.0                                 |
| 60.0                                 | 49.8                               | 91.8                                     | 5 400*                             | 50.6                               | 92.4                                     | 5 500*                             | 51.7                               | 93.3                                     | 5 800*                             | 52.7                               | 94.1                                     | 6 000*                             | 60.0                                 |
| 62.0                                 | 48.0                               | 89.9                                     | 5 100*                             | 48.8                               | 90.7                                     | 5 300*                             | 49.9                               | 91.6                                     | 5 500*                             | 51.0                               | 92.5                                     | 5 700*                             | 62.0                                 |
| 64.0                                 | 46.2                               | 88.0                                     | 4 900*                             | 47.0                               | 88.8                                     | 5 100*                             | 48.1                               | 89.8                                     | 5 300*                             | 49.3                               | 90.7                                     | 5 500*                             | 64.0                                 |
| 66.0                                 | 44.3                               | 86.0                                     | 4 800*                             | 45.1                               | 86.8                                     | 4 900*                             | 46.3                               | 87.9                                     | 5 100*                             | 47.5                               | 88.9                                     | 5 300*                             | 66.0                                 |
| 68.0                                 | 42.3                               | 83.8                                     | 4 500*                             | 43.2                               | 84.7                                     | 4 700*                             | 44.4                               | 85.9                                     | 4 900*                             | 45.6                               | 87.0                                     | 5 100*                             | 68.0                                 |
| 70.0                                 | 40.3                               | 81.4                                     | 4 200*                             | 41.1                               | 82.4                                     | 4 300*                             | 42.4                               | 83.7                                     | 4 600*                             | 43.7                               | 84.9                                     | 4 800*                             | 70.0                                 |
| 72.0                                 | 38.1                               | 78.9                                     | 3 800*                             | 39.0                               | 79.9                                     | 4 000*                             | 40.4                               | 81.3                                     | 4 200*                             | 41.7                               | 82.6                                     | 4 400*                             | 72.0                                 |
| 74.0                                 | 35.9                               | 76.1                                     | 3 500*                             | 36.8                               | 77.3                                     | 3 600*                             | 38.2                               | 78.8                                     | 3 800*                             | 39.6                               | 80.2                                     | 4 100*                             | 74.0                                 |
| 76.0                                 | 33.5                               | 73.2                                     | 3 200*                             | 34.5                               | 74.4                                     | 3 300*                             | 36.0                               | 76.1                                     | 3 500*                             | 37.4                               | 77.6                                     | 3 700*                             | 76.0                                 |
| 78.0                                 | 30.9                               | 69.9                                     | 2 900*                             | 32.0                               | 71.2                                     | 3 000*                             | 33.6                               | 73.1                                     | 3 200*                             | 35.1                               | 74.8                                     | 3 400*                             | 78.0                                 |
| 80.0                                 | 28.1                               | 66.2                                     | 2 600*                             | 29.3                               | 67.7                                     | 2 700*                             | 31.0                               | 69.8                                     | 2 900*                             | 32.7                               | 71.7                                     | 3 100*                             | 80.0                                 |
| 82.0                                 | 25.0                               | 62.0                                     | 2 300*                             | 26.4                               | 63.8                                     | 2 400*                             | 28.3                               | 66.2                                     | 2 600*                             | 30.0                               | 68.3                                     | 2 800*                             | 82.0                                 |
| 84.0                                 | 21.5                               | 57.1                                     | 2 100*                             | 23.1                               | 59.2                                     | 2 200*                             | 25.2                               | 62.0                                     | 2 300*                             | 27.2                               | 64.5                                     | 2 500*                             | 84.0                                 |
| 86.0                                 |                                    |                                          |                                    | 19.2                               | 53.8                                     | 1 900*                             | 21.8                               | 57.2                                     | 2 100*                             | 24.0                               | 60.1                                     | 2 200*                             | 86.0                                 |
| 88.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 17.6                               | 51.3                                     | 1 800*                             | 20.3                               | 55.0                                     | 2 000*                             | 88.0                                 |



# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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

## 999 SERIES 3

### 24.4m (80 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib, 24.4m (80 Ft.) Fixed Jib

| Fixed Jib Oper. Rad. Meters | 88 Degree Boom Angle      |                              |                              | 86 Degree Boom Angle      |                              |                              | 83 Degree Boom Angle      |                              |                              | 80 Degree Boom Angle      |                              |                              | Fixed Jib Oper. Rad. Meters |
|-----------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|-----------------------------|
|                             | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms |                             |
| 24.4                        | 74.9                      | 101.0                        | 6 600*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 24.4                        |
| 26.0                        | 73.7                      | 100.5                        | 6 400*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 26.0                        |
| 28.0                        | 72.1                      | 99.8                         | 6 300*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 28.0                        |
| 30.0                        | 70.5                      | 99.1                         | 6 200*                       | 71.2                      | 99.4                         | 7 200*                       |                           |                              |                              |                           |                              |                              | 30.0                        |
| 32.0                        | 68.9                      | 98.4                         | 6 000*                       | 69.6                      | 98.6                         | 7 000*                       |                           |                              |                              |                           |                              |                              | 32.0                        |
| 34.0                        | 67.3                      | 97.5                         | 5 900*                       | 68.0                      | 97.8                         | 6 900*                       | 69.0                      | 98.2                         | 6 900*                       |                           |                              |                              | 34.0                        |
| 36.0                        | 65.7                      | 96.6                         | 5 800*                       | 66.4                      | 96.9                         | 6 700*                       | 67.4                      | 97.3                         | 6 700*                       |                           |                              |                              | 36.0                        |
| 38.0                        | 64.0                      | 95.6                         | 5 600*                       | 64.8                      | 96.0                         | 6 500*                       | 65.8                      | 96.4                         | 6 600*                       |                           |                              |                              | 38.0                        |
| 40.0                        | 62.4                      | 94.6                         | 5 500*                       | 63.1                      | 95.0                         | 6 400*                       | 64.1                      | 95.5                         | 6 500*                       | 65.2                      | 95.9                         | 6 500*                       | 40.0                        |
| 42.0                        | 60.7                      | 93.5                         | 5 400*                       | 61.4                      | 93.9                         | 6 200*                       | 62.5                      | 94.4                         | 6 300*                       | 63.5                      | 94.9                         | 6 300*                       | 42.0                        |
| 44.0                        | 58.9                      | 92.3                         | 5 300*                       | 59.7                      | 92.7                         | 6 100*                       | 60.8                      | 93.3                         | 6 200*                       | 61.8                      | 93.8                         | 6 200*                       | 44.0                        |
| 46.0                        | 57.2                      | 91.0                         | 5 200*                       | 57.9                      | 91.5                         | 6 100*                       | 59.0                      | 92.1                         | 6 100*                       | 60.1                      | 92.7                         | 6 100*                       | 46.0                        |
| 48.0                        | 55.4                      | 89.6                         | 5 100*                       | 56.1                      | 90.1                         | 5 900*                       | 57.3                      | 90.8                         | 6 000*                       | 58.4                      | 91.4                         | 6 000*                       | 48.0                        |
| 50.0                        | 53.5                      | 88.1                         | 5 000*                       | 54.3                      | 88.7                         | 5 800*                       | 55.5                      | 89.5                         | 5 800*                       | 56.6                      | 90.1                         | 5 900*                       | 50.0                        |
| 52.0                        | 51.6                      | 86.6                         | 4 900*                       | 52.4                      | 87.2                         | 5 700*                       | 53.6                      | 88.0                         | 5 700*                       | 54.8                      | 88.7                         | 5 700*                       | 52.0                        |
| 54.0                        | 49.7                      | 84.9                         | 4 800*                       | 50.5                      | 85.5                         | 5 500*                       | 51.7                      | 86.4                         | 5 600*                       | 52.9                      | 87.2                         | 5 700*                       | 54.0                        |
| 56.0                        | 47.7                      | 83.1                         | 4 700*                       | 48.5                      | 83.8                         | 5 500*                       | 49.8                      | 84.8                         | 5 500*                       | 51.0                      | 85.6                         | 5 500*                       | 56.0                        |
| 58.0                        | 45.6                      | 81.1                         | 4 600*                       | 46.5                      | 81.9                         | 5 400*                       | 47.8                      | 83.0                         | 5 400*                       | 49.0                      | 83.9                         | 5 400*                       | 58.0                        |
| 60.0                        | 43.4                      | 79.0                         | 4 500*                       | 44.4                      | 79.9                         | 5 200*                       | 45.7                      | 81.0                         | 5 300*                       | 47.0                      | 82.0                         | 5 300*                       | 60.0                        |
| 62.0                        | 41.2                      | 76.8                         | 4 500*                       | 42.2                      | 77.7                         | 5 200*                       | 43.6                      | 78.9                         | 5 200*                       | 44.9                      | 80.0                         | 5 200*                       | 62.0                        |
| 64.0                        | 38.8                      | 74.3                         | 4 400*                       | 39.9                      | 75.3                         | 5 100*                       | 41.3                      | 76.7                         | 5 100*                       | 42.7                      | 77.9                         | 5 100*                       | 64.0                        |
| 66.0                        | 36.4                      | 71.7                         | 4 300*                       | 37.4                      | 72.8                         | 4 800*                       | 39.0                      | 74.3                         | 5 000*                       | 40.5                      | 75.6                         | 5 100*                       | 66.0                        |
| 68.0                        | 33.7                      | 68.7                         | 4 200*                       | 34.9                      | 69.9                         | 4 700*                       | 36.5                      | 71.6                         | 4 900*                       | 38.1                      | 73.1                         | 5 000*                       | 68.0                        |
| 70.0                        | 30.9                      | 65.5                         | 4 200*                       | 32.1                      | 66.8                         | 4 400*                       | 33.9                      | 68.7                         | 4 600*                       | 35.6                      | 70.3                         | 4 900*                       | 70.0                        |
| 72.0                        | 27.8                      | 61.8                         | 4 100*                       | 29.1                      | 63.3                         | 4 300*                       | 31.1                      | 65.4                         | 4 500*                       | 32.9                      | 67.3                         | 4 600*                       | 72.0                        |
| 74.0                        | 24.3                      | 57.6                         | 4 000*                       | 25.8                      | 59.4                         | 4 100*                       | 28.0                      | 61.8                         | 4 300*                       | 29.9                      | 63.9                         | 4 500*                       | 74.0                        |
| 76.0                        | 20.2                      | 52.5                         | 3 800*                       | 22.0                      | 54.7                         | 3 900*                       | 24.5                      | 57.6                         | 4 100*                       | 26.7                      | 60.1                         | 4 300*                       | 76.0                        |
| 78.0                        | 15.1                      | 45.9                         | 3 500*                       | 17.5                      | 48.9                         | 3 800*                       | 20.5                      | 52.6                         | 3 900*                       | 23.1                      | 55.6                         | 4 100*                       | 78.0                        |
| 80.0                        |                           |                              |                              | 11.1                      | 40.5                         | 3 000*                       | 15.4                      | 46.1                         | 3 800*                       | 18.8                      | 50.2                         | 3 900*                       | 80.0                        |
| 82.0                        |                           |                              |                              |                           |                              |                              | 7.3                       | 35.4                         | 2 800*                       | 13.1                      | 42.8                         | 3 700*                       | 82.0                        |

# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

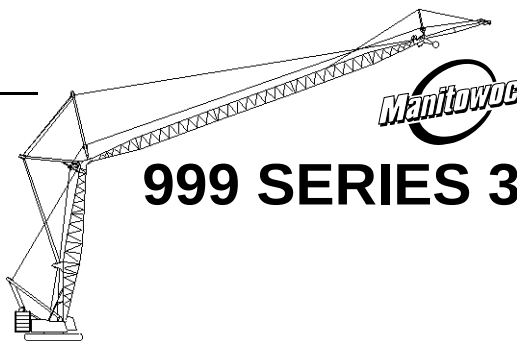
Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 999 SERIES 3

### 24.4m (80 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib, 24.4m (80 Ft.) Fixed Jib

| Fixed Jib<br>Oper.<br>Rad.<br>Meters | 88 Degree<br>Boom Angle            |                                          |                                    | 86 Degree<br>Boom Angle            |                                          |                                    | 83 Degree<br>Boom Angle            |                                          |                                    | 80 Degree<br>Boom Angle            |                                          |                                    | Fixed Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|--------------------------------------|
|                                      | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms |                                      |
| 25.9                                 | 74.4                               | 103.7                                    | 6 400*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 25.9                                 |
| 26.0                                 | 74.3                               | 103.7                                    | 6 400*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 26.0                                 |
| 28.0                                 | 72.8                               | 103.0                                    | 6 200*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 28.0                                 |
| 30.0                                 | 71.3                               | 102.4                                    | 6 100*                             | 72.0                               | 102.6                                    | 7 100*                             |                                    |                                          |                                    |                                    |                                          |                                    | 30.0                                 |
| 32.0                                 | 69.8                               | 101.6                                    | 6 000*                             | 70.4                               | 101.9                                    | 6 900*                             |                                    |                                          |                                    |                                    |                                          |                                    | 32.0                                 |
| 34.0                                 | 68.2                               | 100.8                                    | 5 900*                             | 68.9                               | 101.1                                    | 6 800*                             |                                    |                                          |                                    |                                    |                                          |                                    | 34.0                                 |
| 36.0                                 | 66.7                               | 100.0                                    | 5 700*                             | 67.3                               | 100.3                                    | 6 700*                             | 68.3                               | 100.6                                    | 6 700*                             |                                    |                                          |                                    | 36.0                                 |
| 38.0                                 | 65.1                               | 99.0                                     | 5 600*                             | 65.8                               | 99.4                                     | 6 500*                             | 66.8                               | 99.8                                     | 6 600*                             |                                    |                                          |                                    | 38.0                                 |
| 40.0                                 | 63.5                               | 98.0                                     | 5 500*                             | 64.2                               | 98.4                                     | 6 400*                             | 65.2                               | 98.9                                     | 6 400*                             | 66.2                               | 99.2                                     | 6 500*                             | 40.0                                 |
| 42.0                                 | 61.9                               | 97.0                                     | 5 400*                             | 62.6                               | 97.4                                     | 6 200*                             | 63.6                               | 97.9                                     | 6 300*                             | 64.6                               | 98.3                                     | 6 300*                             | 42.0                                 |
| 44.0                                 | 60.2                               | 95.8                                     | 5 300*                             | 60.9                               | 96.3                                     | 6 100*                             | 62.0                               | 96.8                                     | 6 200*                             | 63.0                               | 97.3                                     | 6 200*                             | 44.0                                 |
| 46.0                                 | 58.6                               | 94.6                                     | 5 100*                             | 59.3                               | 95.1                                     | 6 000*                             | 60.3                               | 95.7                                     | 6 100*                             | 61.4                               | 96.2                                     | 6 100*                             | 46.0                                 |
| 48.0                                 | 56.9                               | 93.3                                     | 5 000*                             | 57.6                               | 93.8                                     | 5 900*                             | 58.7                               | 94.5                                     | 5 900*                             | 59.7                               | 95.0                                     | 6 000*                             | 48.0                                 |
| 50.0                                 | 55.1                               | 91.9                                     | 5 000*                             | 55.9                               | 92.5                                     | 5 800*                             | 57.0                               | 93.2                                     | 5 800*                             | 58.0                               | 93.8                                     | 5 800*                             | 50.0                                 |
| 52.0                                 | 53.3                               | 90.5                                     | 4 800*                             | 54.1                               | 91.0                                     | 5 700*                             | 55.2                               | 91.8                                     | 5 700*                             | 56.3                               | 92.4                                     | 5 700*                             | 52.0                                 |
| 54.0                                 | 51.5                               | 88.9                                     | 4 800*                             | 52.3                               | 89.5                                     | 5 500*                             | 53.4                               | 90.3                                     | 5 600*                             | 54.6                               | 91.0                                     | 5 600*                             | 54.0                                 |
| 56.0                                 | 49.6                               | 87.2                                     | 4 700*                             | 50.4                               | 87.8                                     | 5 400*                             | 51.6                               | 88.7                                     | 5 500*                             | 52.8                               | 89.5                                     | 5 500*                             | 56.0                                 |
| 58.0                                 | 47.7                               | 85.4                                     | 4 600*                             | 48.5                               | 86.1                                     | 5 300*                             | 49.8                               | 87.1                                     | 5 300*                             | 50.9                               | 87.9                                     | 5 400*                             | 58.0                                 |
| 60.0                                 | 45.7                               | 83.4                                     | 4 500*                             | 46.6                               | 84.2                                     | 5 200*                             | 47.8                               | 85.3                                     | 5 300*                             | 49.0                               | 86.2                                     | 5 300*                             | 60.0                                 |
| 62.0                                 | 43.7                               | 81.4                                     | 4 500*                             | 44.5                               | 82.2                                     | 5 100*                             | 45.8                               | 83.3                                     | 5 200*                             | 47.1                               | 84.3                                     | 5 200*                             | 62.0                                 |
| 64.0                                 | 41.5                               | 79.1                                     | 4 400*                             | 42.4                               | 80.0                                     | 4 900*                             | 43.8                               | 81.3                                     | 5 100*                             | 45.1                               | 82.4                                     | 5 200*                             | 64.0                                 |
| 66.0                                 | 39.3                               | 76.7                                     | 4 300*                             | 40.2                               | 77.7                                     | 4 700*                             | 41.6                               | 79.0                                     | 4 900*                             | 43.0                               | 80.2                                     | 5 000*                             | 66.0                                 |
| 68.0                                 | 36.9                               | 74.1                                     | 4 200*                             | 37.9                               | 75.2                                     | 4 400*                             | 39.4                               | 76.6                                     | 4 600*                             | 40.8                               | 78.0                                     | 4 900*                             | 68.0                                 |
| 70.0                                 | 34.4                               | 71.2                                     | 4 100*                             | 35.5                               | 72.4                                     | 4 300*                             | 37.1                               | 74.0                                     | 4 400*                             | 38.6                               | 75.5                                     | 4 600*                             | 70.0                                 |
| 72.0                                 | 31.7                               | 68.1                                     | 4 000*                             | 32.9                               | 69.4                                     | 4 100*                             | 34.6                               | 71.2                                     | 4 300*                             | 36.2                               | 72.8                                     | 4 500*                             | 72.0                                 |
| 74.0                                 | 28.8                               | 64.6                                     | 3 800*                             | 30.1                               | 66.0                                     | 3 900*                             | 31.9                               | 68.0                                     | 4 100*                             | 33.6                               | 69.8                                     | 4 300*                             | 74.0                                 |
| 76.0                                 | 25.6                               | 60.5                                     | 3 600*                             | 27.0                               | 62.2                                     | 3 800*                             | 29.0                               | 64.5                                     | 3 900*                             | 30.9                               | 66.6                                     | 4 100*                             | 76.0                                 |
| 78.0                                 | 22.0                               | 55.8                                     | 3 500*                             | 23.6                               | 57.9                                     | 3 600*                             | 25.8                               | 60.6                                     | 3 800*                             | 27.9                               | 62.9                                     | 3 900*                             | 78.0                                 |
| 80.0                                 | 17.6                               | 50.0                                     | 3 200*                             | 19.6                               | 52.6                                     | 3 400*                             | 22.2                               | 55.9                                     | 3 600*                             | 24.5                               | 58.7                                     | 3 700*                             | 80.0                                 |
| 82.0                                 | 11.6                               | 41.9                                     | 2 300*                             | 14.5                               | 45.8                                     | 2 900*                             | 17.9                               | 50.2                                     | 3 300*                             | 20.7                               | 53.7                                     | 3 400*                             | 82.0                                 |
| 84.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 12.1                               | 42.3                                     | 2 900*                             | 16.0                               | 47.4                                     | 3 100*                             | 84.0                                 |



# Liftcrane Fixed Jib Capacities

**999 SERIES 3**

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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

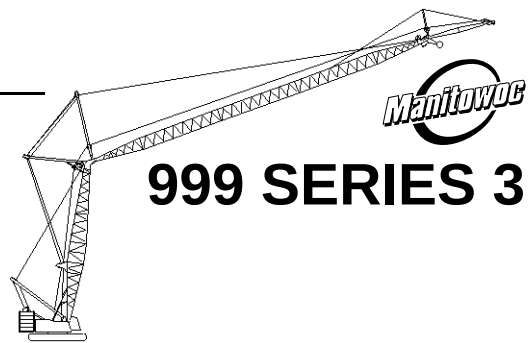
**24.4m (80 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib, 24.4m (80 Ft.) Fixed Jib**

| Fixed Jib Oper. Rad. Meters | 88 Degree Boom Angle      |                              |                              | 86 Degree Boom Angle      |                              |                              | 83 Degree Boom Angle      |                              |                              | 80 Degree Boom Angle      |                              |                              | Fixed Jib Oper. Rad. Meters |
|-----------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|-----------------------------|
|                             | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms |                             |
| 25.9                        | 75.0                      | 106.9                        | 6 300*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 25.9                        |
| 26.0                        | 74.9                      | 106.8                        | 6 300*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 26.0                        |
| 28.0                        | 73.5                      | 106.2                        | 6 200*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 28.0                        |
| 30.0                        | 72.0                      | 105.6                        | 6 100*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 30.0                        |
| 32.0                        | 70.6                      | 104.9                        | 5 900*                       | 71.2                      | 105.1                        | 6 900*                       |                           |                              |                              |                           |                              |                              | 32.0                        |
| 34.0                        | 69.1                      | 104.1                        | 5 800*                       | 69.7                      | 104.4                        | 6 700*                       |                           |                              |                              |                           |                              |                              | 34.0                        |
| 36.0                        | 67.6                      | 103.3                        | 5 700*                       | 68.2                      | 103.6                        | 6 600*                       | 69.2                      | 103.9                        | 6 600*                       |                           |                              |                              | 36.0                        |
| 38.0                        | 66.1                      | 102.4                        | 5 600*                       | 66.7                      | 102.7                        | 6 500*                       | 67.7                      | 103.1                        | 6 500*                       |                           |                              |                              | 38.0                        |
| 40.0                        | 64.6                      | 101.5                        | 5 500*                       | 65.2                      | 101.8                        | 6 300*                       | 66.2                      | 102.2                        | 6 400*                       |                           |                              |                              | 40.0                        |
| 42.0                        | 63.0                      | 100.4                        | 5 300*                       | 63.7                      | 100.8                        | 6 200*                       | 64.6                      | 101.3                        | 6 200*                       | 65.6                      | 101.7                        | 6 300*                       | 42.0                        |
| 44.0                        | 61.4                      | 99.4                         | 5 200*                       | 62.1                      | 99.8                         | 6 100*                       | 63.1                      | 100.3                        | 6 200*                       | 64.1                      | 100.7                        | 6 100*                       | 44.0                        |
| 46.0                        | 59.9                      | 98.2                         | 5 200*                       | 60.5                      | 98.6                         | 6 000*                       | 61.5                      | 99.2                         | 6 000*                       | 62.5                      | 99.7                         | 6 100*                       | 46.0                        |
| 48.0                        | 58.2                      | 97.0                         | 5 000*                       | 58.9                      | 97.4                         | 5 800*                       | 59.9                      | 98.0                         | 5 900*                       | 60.9                      | 98.5                         | 6 000*                       | 48.0                        |
| 50.0                        | 56.6                      | 95.6                         | 5 000*                       | 57.3                      | 96.1                         | 5 700*                       | 58.3                      | 96.8                         | 5 800*                       | 59.3                      | 97.4                         | 5 800*                       | 50.0                        |
| 52.0                        | 54.9                      | 94.2                         | 4 800*                       | 55.6                      | 94.8                         | 5 600*                       | 56.7                      | 95.5                         | 5 700*                       | 57.7                      | 96.1                         | 5 700*                       | 52.0                        |
| 54.0                        | 53.2                      | 92.8                         | 4 800*                       | 53.9                      | 93.3                         | 5 600*                       | 55.0                      | 94.1                         | 5 600*                       | 56.1                      | 94.8                         | 5 600*                       | 54.0                        |
| 56.0                        | 51.4                      | 91.2                         | 4 700*                       | 52.2                      | 91.8                         | 5 400*                       | 53.3                      | 92.6                         | 5 500*                       | 54.4                      | 93.3                         | 5 500*                       | 56.0                        |
| 58.0                        | 49.6                      | 89.5                         | 4 600*                       | 50.4                      | 90.1                         | 5 400*                       | 51.5                      | 91.0                         | 5 300*                       | 52.6                      | 91.8                         | 5 400*                       | 58.0                        |
| 60.0                        | 47.8                      | 87.7                         | 4 500*                       | 48.6                      | 88.4                         | 5 200*                       | 49.7                      | 89.4                         | 5 300*                       | 50.9                      | 90.2                         | 5 300*                       | 60.0                        |
| 62.0                        | 45.9                      | 85.8                         | 4 400*                       | 46.7                      | 86.5                         | 5 200*                       | 47.9                      | 87.6                         | 5 200*                       | 49.0                      | 88.5                         | 5 200*                       | 62.0                        |
| 64.0                        | 43.9                      | 83.7                         | 4 300*                       | 44.7                      | 84.5                         | 5 000*                       | 46.0                      | 85.6                         | 5 100*                       | 47.2                      | 86.6                         | 5 100*                       | 64.0                        |
| 66.0                        | 41.8                      | 81.5                         | 4 300*                       | 42.7                      | 82.4                         | 4 900*                       | 44.0                      | 83.6                         | 5 000*                       | 45.2                      | 84.7                         | 5 100*                       | 66.0                        |
| 68.0                        | 39.7                      | 79.1                         | 4 200*                       | 40.6                      | 80.1                         | 4 700*                       | 41.9                      | 81.4                         | 4 900*                       | 43.2                      | 82.6                         | 5 000*                       | 68.0                        |
| 70.0                        | 37.4                      | 76.5                         | 4 200*                       | 38.4                      | 77.6                         | 4 500*                       | 39.8                      | 79.0                         | 4 700*                       | 41.2                      | 80.3                         | 4 900*                       | 70.0                        |
| 72.0                        | 35.1                      | 73.7                         | 4 100*                       | 36.1                      | 74.9                         | 4 300*                       | 37.6                      | 76.5                         | 4 500*                       | 39.0                      | 77.9                         | 4 700*                       | 72.0                        |
| 74.0                        | 32.5                      | 70.7                         | 4 000*                       | 33.6                      | 71.9                         | 4 100*                       | 35.2                      | 73.7                         | 4 300*                       | 36.7                      | 75.2                         | 4 500*                       | 74.0                        |
| 76.0                        | 29.8                      | 67.2                         | 3 700*                       | 31.0                      | 68.7                         | 3 800*                       | 32.7                      | 70.6                         | 4 000*                       | 34.3                      | 72.3                         | 4 200*                       | 76.0                        |
| 78.0                        | 26.8                      | 63.4                         | 3 400*                       | 28.1                      | 65.0                         | 3 500*                       | 30.0                      | 67.2                         | 3 700*                       | 31.7                      | 69.2                         | 3 900*                       | 78.0                        |
| 80.0                        | 23.5                      | 59.0                         | 3 100*                       | 25.0                      | 60.9                         | 3 200*                       | 27.0                      | 63.4                         | 3 400*                       | 28.9                      | 65.7                         | 3 600*                       | 80.0                        |
| 82.0                        | 19.6                      | 53.8                         | 2 800*                       | 21.4                      | 56.1                         | 2 900*                       | 23.7                      | 59.1                         | 3 100*                       | 25.8                      | 61.7                         | 3 300*                       | 82.0                        |
| 84.0                        |                           |                              |                              | 17.0                      | 50.1                         | 2 700*                       | 19.9                      | 53.9                         | 2 800*                       | 22.4                      | 57.0                         | 3 000*                       | 84.0                        |
| 86.0                        |                           |                              |                              |                           |                              |                              | 15.1                      | 47.2                         | 2 600*                       | 18.2                      | 51.4                         | 2 700*                       | 86.0                        |
| 88.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 12.9                      | 43.9                         | 2 500*                       | 88.0                        |

# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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



## 999 SERIES 3

### 24.4m (80 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib, 24.4m (80 Ft.) Fixed Jib

| Fixed Jib<br>Oper.<br>Rad.<br>Meters | 88 Degree<br>Boom Angle            |                                          |                                    | 86 Degree<br>Boom Angle            |                                          |                                    | 83 Degree<br>Boom Angle            |                                          |                                    | 80 Degree<br>Boom Angle            |                                          |                                    | Fixed Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|--------------------------------------|
|                                      | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms |                                      |
| 27.4                                 | 74.5                               | 109.6                                    | 6 100*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 27.4                                 |
| 28.0                                 | 74.1                               | 109.4                                    | 6 100*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 28.0                                 |
| 30.0                                 | 72.7                               | 108.8                                    | 6 000*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 30.0                                 |
| 32.0                                 | 71.3                               | 108.1                                    | 5 800*                             | 71.9                               | 108.3                                    | 6 800*                             |                                    |                                          |                                    |                                    |                                          |                                    | 32.0                                 |
| 34.0                                 | 69.9                               | 107.4                                    | 5 700*                             | 70.5                               | 107.6                                    | 6 600*                             |                                    |                                          |                                    |                                    |                                          |                                    | 34.0                                 |
| 36.0                                 | 68.4                               | 106.6                                    | 5 600*                             | 69.0                               | 106.9                                    | 6 500*                             |                                    |                                          |                                    |                                    |                                          |                                    | 36.0                                 |
| 38.0                                 | 67.0                               | 105.7                                    | 5 500*                             | 67.6                               | 106.0                                    | 6 400*                             | 68.5                               | 106.4                                    | 6 400*                             |                                    |                                          |                                    | 38.0                                 |
| 40.0                                 | 65.5                               | 104.8                                    | 5 400*                             | 66.1                               | 105.2                                    | 6 300*                             | 67.1                               | 105.6                                    | 6 300*                             |                                    |                                          |                                    | 40.0                                 |
| 42.0                                 | 64.0                               | 103.9                                    | 5 300*                             | 64.7                               | 104.2                                    | 6 200*                             | 65.6                               | 104.7                                    | 6 200*                             |                                    |                                          |                                    | 42.0                                 |
| 44.0                                 | 62.5                               | 102.8                                    | 5 200*                             | 63.2                               | 103.2                                    | 6 000*                             | 64.1                               | 103.7                                    | 6 100*                             | 65.1                               | 104.1                                    | 6 100*                             | 44.0                                 |
| 46.0                                 | 61.0                               | 101.7                                    | 5 100*                             | 61.7                               | 102.1                                    | 5 900*                             | 62.6                               | 102.7                                    | 6 000*                             | 63.6                               | 103.1                                    | 6 000*                             | 46.0                                 |
| 48.0                                 | 59.5                               | 100.6                                    | 5 000*                             | 60.1                               | 101.0                                    | 5 800*                             | 61.1                               | 101.6                                    | 5 800*                             | 62.1                               | 102.0                                    | 5 900*                             | 48.0                                 |
| 50.0                                 | 57.9                               | 99.3                                     | 5 000*                             | 58.6                               | 99.8                                     | 5 700*                             | 59.6                               | 100.4                                    | 5 700*                             | 60.6                               | 100.9                                    | 5 800*                             | 50.0                                 |
| 52.0                                 | 56.3                               | 98.0                                     | 4 900*                             | 57.0                               | 98.5                                     | 5 600*                             | 58.0                               | 99.1                                     | 5 700*                             | 59.0                               | 99.7                                     | 5 700*                             | 52.0                                 |
| 54.0                                 | 54.7                               | 96.6                                     | 4 700*                             | 55.4                               | 97.1                                     | 5 500*                             | 56.4                               | 97.8                                     | 5 500*                             | 57.4                               | 98.4                                     | 5 600*                             | 54.0                                 |
| 56.0                                 | 53.0                               | 95.1                                     | 4 700*                             | 53.7                               | 95.6                                     | 5 400*                             | 54.8                               | 96.4                                     | 5 500*                             | 55.8                               | 97.1                                     | 5 500*                             | 56.0                                 |
| 58.0                                 | 51.3                               | 93.5                                     | 4 600*                             | 52.1                               | 94.1                                     | 5 300*                             | 53.1                               | 94.9                                     | 5 400*                             | 54.2                               | 95.7                                     | 5 400*                             | 58.0                                 |
| 60.0                                 | 49.6                               | 91.8                                     | 4 500*                             | 50.3                               | 92.4                                     | 5 300*                             | 51.4                               | 93.3                                     | 5 300*                             | 52.5                               | 94.1                                     | 5 300*                             | 60.0                                 |
| 62.0                                 | 47.8                               | 90.0                                     | 4 400*                             | 48.6                               | 90.7                                     | 5 200*                             | 49.7                               | 91.7                                     | 5 100*                             | 50.8                               | 92.5                                     | 5 200*                             | 62.0                                 |
| 64.0                                 | 46.0                               | 88.1                                     | 4 400*                             | 46.8                               | 88.8                                     | 5 000*                             | 47.9                               | 89.9                                     | 5 100*                             | 49.0                               | 90.8                                     | 5 100*                             | 64.0                                 |
| 66.0                                 | 44.1                               | 86.0                                     | 4 300*                             | 44.9                               | 86.8                                     | 4 800*                             | 46.1                               | 88.0                                     | 5 000*                             | 47.2                               | 88.9                                     | 5 100*                             | 66.0                                 |
| 68.0                                 | 42.1                               | 83.8                                     | 4 200*                             | 42.9                               | 84.7                                     | 4 600*                             | 44.2                               | 85.9                                     | 4 800*                             | 45.4                               | 87.0                                     | 5 000*                             | 68.0                                 |
| 70.0                                 | 40.0                               | 81.5                                     | 4 100*                             | 40.9                               | 82.4                                     | 4 400*                             | 42.2                               | 83.7                                     | 4 500*                             | 43.5                               | 84.9                                     | 4 700*                             | 70.0                                 |
| 72.0                                 | 37.9                               | 78.9                                     | 4 100*                             | 38.8                               | 80.0                                     | 4 200*                             | 40.2                               | 81.4                                     | 4 400*                             | 41.5                               | 82.7                                     | 4 500*                             | 72.0                                 |
| 74.0                                 | 35.6                               | 76.2                                     | 3 700*                             | 36.6                               | 77.3                                     | 3 900*                             | 38.0                               | 78.9                                     | 4 100*                             | 39.4                               | 80.2                                     | 4 300*                             | 74.0                                 |
| 76.0                                 | 33.2                               | 73.2                                     | 3 400*                             | 34.3                               | 74.4                                     | 3 600*                             | 35.8                               | 76.1                                     | 3 700*                             | 37.2                               | 77.6                                     | 3 900*                             | 76.0                                 |
| 78.0                                 | 30.7                               | 69.9                                     | 3 100*                             | 31.8                               | 71.3                                     | 3 200*                             | 33.4                               | 73.2                                     | 3 400*                             | 34.9                               | 74.8                                     | 3 600*                             | 78.0                                 |
| 80.0                                 | 27.9                               | 66.2                                     | 2 800*                             | 29.1                               | 67.8                                     | 3 000*                             | 30.8                               | 69.9                                     | 3 100*                             | 32.5                               | 71.7                                     | 3 300*                             | 80.0                                 |
| 82.0                                 | 24.8                               | 62.1                                     | 2 600*                             | 26.2                               | 63.8                                     | 2 700*                             | 28.1                               | 66.2                                     | 2 900*                             | 29.8                               | 68.3                                     | 3 000*                             | 82.0                                 |
| 84.0                                 | 21.3                               | 57.2                                     | 2 300*                             | 22.9                               | 59.3                                     | 2 400*                             | 25.0                               | 62.1                                     | 2 600*                             | 27.0                               | 64.5                                     | 2 700*                             | 84.0                                 |
| 86.0                                 |                                    |                                          |                                    | 19.0                               | 53.9                                     | 2 200*                             | 21.6                               | 57.3                                     | 2 300*                             | 23.8                               | 60.2                                     | 2 500*                             | 86.0                                 |
| 88.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 17.4                               | 51.4                                     | 2 100*                             | 20.1                               | 55.0                                     | 2 200*                             | 88.0                                 |
| 90.0                                 |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 15.6                               | 48.6                                     | 2 000*                             | 90.0                                 |



# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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

**999 SERIES 3**

## 24.4m (80 Ft.) Boom, 64.0m (210 Ft.) Luffing Jib, 24.4m (80 Ft.) Fixed Jib

| Fixed Jib Oper. Rad. Meters | 88 Degree Boom Angle      |                              |                              | 86 Degree Boom Angle      |                              |                              | 83 Degree Boom Angle      |                              |                              | 80 Degree Boom Angle      |                              |                              | Fixed Jib Oper. Rad. Meters |
|-----------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|-----------------------------|
|                             | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms |                             |
| 29.0                        | 74.0                      | 112.3                        | 5 900*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 29.0                        |
| 30.0                        | 73.3                      | 112.0                        | 5 900*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 30.0                        |
| 32.0                        | 71.9                      | 111.3                        | 5 800*                       | 72.5                      | 111.6                        | 6 700*                       |                           |                              |                              |                           |                              |                              | 32.0                        |
| 34.0                        | 70.6                      | 110.6                        | 5 600*                       | 71.2                      | 110.9                        | 6 500*                       |                           |                              |                              |                           |                              |                              | 34.0                        |
| 36.0                        | 69.2                      | 109.9                        | 5 600*                       | 69.8                      | 110.1                        | 6 400*                       |                           |                              |                              |                           |                              |                              | 36.0                        |
| 38.0                        | 67.8                      | 109.1                        | 5 400*                       | 68.4                      | 109.3                        | 6 300*                       |                           |                              |                              |                           |                              |                              | 38.0                        |
| 40.0                        | 66.4                      | 108.2                        | 5 400*                       | 67.0                      | 108.5                        | 6 200*                       | 67.9                      | 108.9                        | 6 300*                       |                           |                              |                              | 40.0                        |
| 42.0                        | 65.0                      | 107.3                        | 5 300*                       | 65.6                      | 107.6                        | 6 100*                       | 66.5                      | 108.0                        | 6 100*                       |                           |                              |                              | 42.0                        |
| 44.0                        | 63.6                      | 106.3                        | 5 200*                       | 64.2                      | 106.6                        | 6 000*                       | 65.1                      | 107.1                        | 6 000*                       | 66.0                      | 107.5                        | 6 100*                       | 44.0                        |
| 46.0                        | 62.1                      | 105.2                        | 5 100*                       | 62.7                      | 105.6                        | 5 900*                       | 63.7                      | 106.1                        | 5 900*                       | 64.6                      | 106.5                        | 6 000*                       | 46.0                        |
| 48.0                        | 60.6                      | 104.1                        | 5 000*                       | 61.3                      | 104.5                        | 5 800*                       | 62.2                      | 105.1                        | 5 800*                       | 63.1                      | 105.5                        | 5 800*                       | 48.0                        |
| 50.0                        | 59.1                      | 102.9                        | 4 900*                       | 59.8                      | 103.3                        | 5 700*                       | 60.7                      | 103.9                        | 5 700*                       | 61.7                      | 104.4                        | 5 700*                       | 50.0                        |
| 52.0                        | 57.6                      | 101.6                        | 4 800*                       | 58.3                      | 102.1                        | 5 600*                       | 59.2                      | 102.7                        | 5 600*                       | 60.2                      | 103.3                        | 5 600*                       | 52.0                        |
| 54.0                        | 56.1                      | 100.3                        | 4 800*                       | 56.7                      | 100.8                        | 5 500*                       | 57.7                      | 101.5                        | 5 600*                       | 58.7                      | 102.1                        | 5 600*                       | 54.0                        |
| 56.0                        | 54.5                      | 98.9                         | 4 600*                       | 55.2                      | 99.4                         | 5 400*                       | 56.2                      | 100.2                        | 5 500*                       | 57.1                      | 100.8                        | 5 500*                       | 56.0                        |
| 58.0                        | 52.9                      | 97.4                         | 4 600*                       | 53.6                      | 98.0                         | 5 300*                       | 54.6                      | 98.7                         | 5 400*                       | 55.6                      | 99.4                         | 5 400*                       | 58.0                        |
| 60.0                        | 51.3                      | 95.8                         | 4 500*                       | 52.0                      | 96.4                         | 5 200*                       | 53.0                      | 97.2                         | 5 200*                       | 54.0                      | 98.0                         | 5 200*                       | 60.0                        |
| 62.0                        | 49.6                      | 94.1                         | 4 400*                       | 50.3                      | 94.7                         | 4 900*                       | 51.4                      | 95.6                         | 5 100*                       | 52.4                      | 96.4                         | 5 200*                       | 62.0                        |
| 64.0                        | 47.8                      | 92.3                         | 4 400*                       | 48.6                      | 93.0                         | 4 700*                       | 49.7                      | 94.0                         | 4 900*                       | 50.7                      | 94.8                         | 5 100*                       | 64.0                        |
| 66.0                        | 46.1                      | 90.4                         | 4 300*                       | 46.8                      | 91.1                         | 4 500*                       | 48.0                      | 92.2                         | 4 700*                       | 49.0                      | 93.1                         | 4 900*                       | 66.0                        |
| 68.0                        | 44.2                      | 88.3                         | 4 200*                       | 45.0                      | 89.1                         | 4 300*                       | 46.2                      | 90.3                         | 4 500*                       | 47.3                      | 91.2                         | 4 700*                       | 68.0                        |
| 70.0                        | 42.3                      | 86.2                         | 4 000*                       | 43.2                      | 87.0                         | 4 100*                       | 44.3                      | 88.2                         | 4 300*                       | 45.5                      | 89.3                         | 4 500*                       | 70.0                        |
| 72.0                        | 40.4                      | 83.8                         | 3 800*                       | 41.2                      | 84.8                         | 3 900*                       | 42.5                      | 86.1                         | 4 100*                       | 43.7                      | 87.2                         | 4 300*                       | 72.0                        |
| 74.0                        | 38.3                      | 81.3                         | 3 500*                       | 39.2                      | 82.4                         | 3 600*                       | 40.5                      | 83.7                         | 3 800*                       | 41.7                      | 85.0                         | 4 100*                       | 74.0                        |
| 76.0                        | 36.2                      | 78.6                         | 3 200*                       | 37.1                      | 79.7                         | 3 300*                       | 38.4                      | 81.3                         | 3 500*                       | 39.7                      | 82.6                         | 3 700*                       | 76.0                        |
| 78.0                        | 33.9                      | 75.7                         | 2 900*                       | 34.9                      | 76.9                         | 3 000*                       | 36.3                      | 78.6                         | 3 200*                       | 37.7                      | 80.1                         | 3 400*                       | 78.0                        |
| 80.0                        | 31.5                      | 72.5                         | 2 600*                       | 32.5                      | 73.8                         | 2 700*                       | 34.0                      | 75.7                         | 2 900*                       | 35.5                      | 77.3                         | 3 100*                       | 80.0                        |
| 82.0                        | 28.9                      | 69.0                         | 2 300*                       | 30.0                      | 70.5                         | 2 400*                       | 31.6                      | 72.5                         | 2 600*                       | 33.1                      | 74.3                         | 2 800*                       | 82.0                        |
| 84.0                        | 26.0                      | 65.0                         | 2 100*                       | 27.2                      | 66.7                         | 2 200*                       | 29.0                      | 69.0                         | 2 300*                       | 30.7                      | 71.0                         | 2 500*                       | 84.0                        |
| 86.0                        | 22.8                      | 60.5                         | 1 900*                       | 24.2                      | 62.4                         | 2 000*                       | 26.2                      | 65.0                         | 2 100*                       | 28.0                      | 67.3                         | 2 300*                       | 86.0                        |
| 88.0                        |                           |                              |                              |                           |                              |                              | 23.0                      | 60.5                         | 1 900*                       | 25.0                      | 63.2                         | 2 000*                       | 88.0                        |

# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

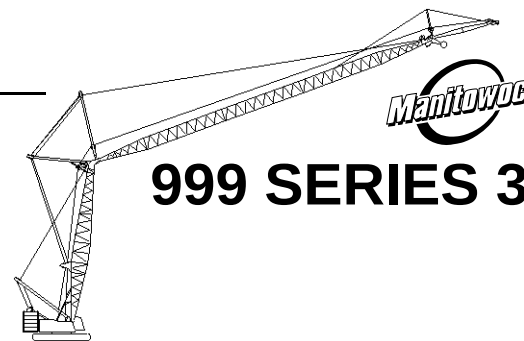
Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 999 SERIES 3

### 36.6m (120 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib, 9.1m (30 Ft.) Fixed Jib

| Fixed Jib<br>Oper.<br>Rad.<br>Meters | 88 Degree<br>Boom Angle            |                                          |                                    | 86 Degree<br>Boom Angle            |                                          |                                    | 83 Degree<br>Boom Angle            |                                          |                                    | 80 Degree<br>Boom Angle            |                                          |                                    | Fixed Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|--------------------------------------|
|                                      | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms |                                      |
| 21.3                                 | 73.8                               | 98.2                                     | 18 400*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 21.3                                 |
| 22.0                                 | 73.2                               | 98.0                                     | 18 300*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 22.0                                 |
| 24.0                                 | 71.2                               | 97.3                                     | 18 200*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 24.0                                 |
| 26.0                                 | 69.2                               | 96.6                                     | 17 900*                            | 70.5                               | 97.0                                     | 21 100*                            |                                    |                                          |                                    |                                    |                                          |                                    | 26.0                                 |
| 28.0                                 | 67.2                               | 95.7                                     | 17 600*                            | 68.5                               | 96.2                                     | 20 700*                            |                                    |                                          |                                    |                                    |                                          |                                    | 28.0                                 |
| 30.0                                 | 65.2                               | 94.8                                     | 16 700*                            | 66.5                               | 95.3                                     | 19 500*                            | 68.4                               | 95.9                                     | 20 900*                            |                                    |                                          |                                    | 30.0                                 |
| 32.0                                 | 63.1                               | 93.8                                     | 15 600*                            | 64.5                               | 94.4                                     | 18 400*                            | 66.4                               | 95.1                                     | 20 100*                            |                                    |                                          |                                    | 32.0                                 |
| 34.0                                 | 61.0                               | 92.8                                     | 14 500*                            | 62.4                               | 93.4                                     | 17 200*                            | 64.4                               | 94.1                                     | 19 100*                            | 66.3                               | 94.7                                     | 20 100*                            | 34.0                                 |
| 36.0                                 | 58.9                               | 91.6                                     | 13 500*                            | 60.2                               | 92.2                                     | 16 100*                            | 62.3                               | 93.1                                     | 18 200*                            | 64.2                               | 93.8                                     | 19 200*                            | 36.0                                 |
| 38.0                                 | 56.7                               | 90.3                                     | 12 500*                            | 58.1                               | 91.0                                     | 15 000*                            | 60.1                               | 92.0                                     | 17 200*                            | 62.2                               | 92.7                                     | 18 100                             | 38.0                                 |
| 40.0                                 | 54.4                               | 88.9                                     | 11 600*                            | 55.8                               | 89.7                                     | 14 000*                            | 58.0                               | 90.7                                     | 16 300*                            | 60.0                               | 91.6                                     | 16 800                             | 40.0                                 |
| 42.0                                 | 52.1                               | 87.3                                     | 10 700*                            | 53.6                               | 88.2                                     | 13 000*                            | 55.7                               | 89.4                                     | 15 400*                            | 57.8                               | 90.3                                     | 15 700                             | 42.0                                 |
| 44.0                                 | 49.6                               | 85.7                                     | 10 000*                            | 51.2                               | 86.7                                     | 12 100*                            | 53.4                               | 87.9                                     | 14 600*                            | 55.6                               | 89.0                                     | 14 700                             | 44.0                                 |
| 46.0                                 | 47.1                               | 83.9                                     | 9 300*                             | 48.8                               | 84.9                                     | 11 200*                            | 51.1                               | 86.4                                     | 13 900*                            | 53.3                               | 87.5                                     | 13 800                             | 46.0                                 |
| 48.0                                 | 44.5                               | 81.9                                     | 8 600*                             | 46.2                               | 83.1                                     | 10 400*                            | 48.6                               | 84.6                                     | 13 200*                            | 50.9                               | 86.0                                     | 12 900                             | 48.0                                 |
| 50.0                                 | 41.8                               | 79.7                                     | 8 000*                             | 43.6                               | 81.0                                     | 9 600*                             | 46.1                               | 82.8                                     | 12 500*                            | 48.5                               | 84.2                                     | 12 200                             | 50.0                                 |
| 52.0                                 | 38.9                               | 77.3                                     | 7 500*                             | 40.8                               | 78.8                                     | 8 900*                             | 43.4                               | 80.7                                     | 11 600*                            | 45.9                               | 82.3                                     | 11 500                             | 52.0                                 |
| 54.0                                 | 35.8                               | 74.6                                     | 7 000*                             | 37.8                               | 76.3                                     | 8 300*                             | 40.6                               | 78.4                                     | 10 800*                            | 43.3                               | 80.3                                     | 10 800                             | 54.0                                 |
| 56.0                                 | 32.4                               | 71.6                                     | 6 500*                             | 34.6                               | 73.5                                     | 7 700*                             | 37.6                               | 75.9                                     | 10 000*                            | 40.5                               | 78.0                                     | 10 200                             | 56.0                                 |
| 58.0                                 | 28.7                               | 68.1                                     | 6 100*                             | 31.1                               | 70.3                                     | 7 200*                             | 34.4                               | 73.1                                     | 9 300*                             | 37.5                               | 75.4                                     | 9 600                              | 58.0                                 |
| 60.0                                 | 24.5                               | 64.0                                     | 5 800*                             | 27.2                               | 66.6                                     | 6 800*                             | 30.9                               | 69.9                                     | 8 600*                             | 34.3                               | 72.6                                     | 9 100                              | 60.0                                 |
| 62.0                                 | 19.4                               | 58.9                                     | 5 500*                             | 22.8                               | 62.2                                     | 6 400*                             | 27.0                               | 66.2                                     | 8 000*                             | 30.7                               | 69.4                                     | 8 600                              | 62.0                                 |
| 64.0                                 | 12.3                               | 51.5                                     | 5 400*                             | 17.2                               | 56.5                                     | 6 100*                             | 22.5                               | 61.8                                     | 7 500*                             | 26.8                               | 65.7                                     | 8 200                              | 64.0                                 |
| 66.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 16.8                               | 56.0                                     | 7 000*                             | 22.2                               | 61.2                                     | 7 600*                             | 66.0                                 |
| 68.0                                 |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 16.5                               | 55.3                                     | 7 100*                             | 68.0                                 |
| 70.0                                 |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 6.7                                | 44.9                                     | 6 200*                             | 70.0                                 |



# Liftcrane Fixed Jib Capacities

**999 SERIES 3**

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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

**36.6m (120 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib, 9.1m (30 Ft.) Fixed Jib**

| Fixed Jib Oper. Rad. Meters | 88 Degree Boom Angle      |                              |                              | 86 Degree Boom Angle      |                              |                              | 83 Degree Boom Angle      |                              |                              | 80 Degree Boom Angle      |                              |                              | Fixed Jib Oper. Rad. Meters |
|-----------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|-----------------------------|
|                             | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms |                             |
| 21.3                        | 74.6                      | 101.4                        | 17 100*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 21.3                        |
| 22.0                        | 74.0                      | 101.2                        | 17 000*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 22.0                        |
| 24.0                        | 72.1                      | 100.5                        | 16 700*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 24.0                        |
| 26.0                        | 70.3                      | 99.8                         | 16 500*                      | 71.5                      | 100.2                        | 19 400*                      |                           |                              |                              |                           |                              |                              | 26.0                        |
| 28.0                        | 68.4                      | 99.0                         | 16 300*                      | 69.6                      | 99.5                         | 19 200*                      |                           |                              |                              |                           |                              |                              | 28.0                        |
| 30.0                        | 66.5                      | 98.2                         | 16 000*                      | 67.7                      | 98.7                         | 18 700*                      |                           |                              |                              |                           |                              |                              | 30.0                        |
| 32.0                        | 64.5                      | 97.3                         | 15 100*                      | 65.7                      | 97.8                         | 17 600*                      | 67.6                      | 98.4                         | 19 100*                      |                           |                              |                              | 32.0                        |
| 34.0                        | 62.5                      | 96.2                         | 14 100*                      | 63.8                      | 96.8                         | 16 600*                      | 65.7                      | 97.5                         | 18 600*                      |                           |                              |                              | 34.0                        |
| 36.0                        | 60.5                      | 95.1                         | 13 200*                      | 61.8                      | 95.7                         | 15 700*                      | 63.7                      | 96.5                         | 17 500*                      | 65.5                      | 97.1                         | 18 400*                      | 36.0                        |
| 38.0                        | 58.4                      | 93.9                         | 12 300*                      | 59.7                      | 94.6                         | 14 700*                      | 61.7                      | 95.5                         | 16 500*                      | 63.6                      | 96.2                         | 17 700*                      | 38.0                        |
| 40.0                        | 56.3                      | 92.6                         | 11 500*                      | 57.7                      | 93.4                         | 13 700*                      | 59.6                      | 94.3                         | 15 600*                      | 61.6                      | 95.1                         | 16 700                       | 40.0                        |
| 42.0                        | 54.1                      | 91.2                         | 10 700*                      | 55.5                      | 92.0                         | 12 800*                      | 57.6                      | 93.1                         | 14 800*                      | 59.5                      | 93.9                         | 15 500                       | 42.0                        |
| 44.0                        | 51.9                      | 89.6                         | 9 900*                       | 53.3                      | 90.5                         | 12 000*                      | 55.4                      | 91.7                         | 14 000*                      | 57.4                      | 92.7                         | 14 500                       | 44.0                        |
| 46.0                        | 49.6                      | 88.0                         | 9 200*                       | 51.1                      | 89.0                         | 11 100*                      | 53.2                      | 90.3                         | 13 300*                      | 55.3                      | 91.3                         | 13 600                       | 46.0                        |
| 48.0                        | 47.2                      | 86.2                         | 8 600*                       | 48.8                      | 87.2                         | 10 400*                      | 51.0                      | 88.7                         | 12 700*                      | 53.1                      | 89.8                         | 12 700                       | 48.0                        |
| 50.0                        | 44.8                      | 84.2                         | 8 100*                       | 46.3                      | 85.4                         | 9 700*                       | 48.6                      | 86.9                         | 12 100*                      | 50.9                      | 88.3                         | 11 900                       | 50.0                        |
| 52.0                        | 42.2                      | 82.0                         | 7 500*                       | 43.8                      | 83.3                         | 9 000*                       | 46.2                      | 85.1                         | 11 400*                      | 48.5                      | 86.5                         | 11 200                       | 52.0                        |
| 54.0                        | 39.4                      | 79.7                         | 7 000*                       | 41.2                      | 81.1                         | 8 400*                       | 43.7                      | 83.0                         | 10 600*                      | 46.1                      | 84.6                         | 10 600                       | 54.0                        |
| 56.0                        | 36.5                      | 77.1                         | 6 600*                       | 38.4                      | 78.7                         | 7 800*                       | 41.0                      | 80.8                         | 9 800*                       | 43.6                      | 82.6                         | 10 000                       | 56.0                        |
| 58.0                        | 33.4                      | 74.1                         | 6 200*                       | 35.4                      | 75.9                         | 7 300*                       | 38.2                      | 78.3                         | 9 200*                       | 40.9                      | 80.3                         | 9 400                        | 58.0                        |
| 60.0                        | 29.9                      | 70.8                         | 5 800*                       | 32.2                      | 72.9                         | 6 900*                       | 35.2                      | 75.6                         | 8 500*                       | 38.1                      | 77.9                         | 8 900                        | 60.0                        |
| 62.0                        | 26.1                      | 67.0                         | 5 500*                       | 28.6                      | 69.4                         | 6 400*                       | 32.0                      | 72.5                         | 8 000*                       | 35.1                      | 75.1                         | 8 400                        | 62.0                        |
| 64.0                        | 21.6                      | 62.3                         | 5 300*                       | 24.6                      | 65.3                         | 6 100*                       | 28.4                      | 69.0                         | 7 400*                       | 31.8                      | 72.0                         | 7 900                        | 64.0                        |
| 66.0                        | 16.0                      | 56.2                         | 5 000*                       | 19.8                      | 60.2                         | 5 800*                       | 24.4                      | 64.9                         | 6 900*                       | 28.2                      | 68.5                         | 7 400*                       | 66.0                        |
| 68.0                        |                           |                              |                              | 13.4                      | 53.3                         | 5 500*                       | 19.5                      | 59.7                         | 6 500*                       | 24.1                      | 64.3                         | 6 900*                       | 68.0                        |
| 70.0                        |                           |                              |                              |                           |                              |                              | 13.0                      | 52.6                         | 5 900*                       | 19.2                      | 59.1                         | 6 400*                       | 70.0                        |
| 72.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 12.5                      | 51.8                         | 5 900*                       | 72.0                        |

# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

Boom No. 82

99 610 kg Crane Counterweight

36 290 kg Carbody Counterweight

360 Degree Rating

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



**999 SERIES 3**

## 36.6m (120 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib, 9.1m (30 Ft.) Fixed Jib

| Fixed Jib Oper. Rad. Meters | 88 Degree Boom Angle      |                              |                              | 86 Degree Boom Angle      |                              |                              | 83 Degree Boom Angle      |                              |                              | 80 Degree Boom Angle      |                              |                              | Fixed Jib Oper. Rad. Meters |
|-----------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|-----------------------------|
|                             | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms |                             |
| 22.9                        | 74.0                      | 104.1                        | 15 600*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 22.9                        |
| 24.0                        | 73.0                      | 103.7                        | 15 400*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 24.0                        |
| 26.0                        | 71.2                      | 103.1                        | 15 200*                      | 72.3                      | 103.4                        | 17 700*                      |                           |                              |                              |                           |                              |                              | 26.0                        |
| 28.0                        | 69.4                      | 102.3                        | 15 000*                      | 70.5                      | 102.7                        | 17 600*                      |                           |                              |                              |                           |                              |                              | 28.0                        |
| 30.0                        | 67.6                      | 101.5                        | 14 800*                      | 68.7                      | 101.9                        | 17 500*                      |                           |                              |                              |                           |                              |                              | 30.0                        |
| 32.0                        | 65.7                      | 100.6                        | 14 500*                      | 66.9                      | 101.1                        | 16 800*                      | 68.6                      | 101.7                        | 17 400*                      |                           |                              |                              | 32.0                        |
| 34.0                        | 63.9                      | 99.7                         | 13 600*                      | 65.0                      | 100.2                        | 16 000*                      | 66.8                      | 100.8                        | 17 400*                      |                           |                              |                              | 34.0                        |
| 36.0                        | 61.9                      | 98.6                         | 12 800*                      | 63.2                      | 99.2                         | 15 100*                      | 65.0                      | 99.9                         | 17 100*                      |                           |                              |                              | 36.0                        |
| 38.0                        | 60.0                      | 97.5                         | 12 000*                      | 61.2                      | 98.1                         | 14 300*                      | 63.1                      | 98.9                         | 16 300*                      | 64.9                      | 99.6                         | 16 800*                      | 38.0                        |
| 40.0                        | 58.0                      | 96.3                         | 11 200*                      | 59.3                      | 97.0                         | 13 400*                      | 61.2                      | 97.8                         | 15 500*                      | 63.0                      | 98.6                         | 16 400                       | 40.0                        |
| 42.0                        | 56.0                      | 94.9                         | 10 500*                      | 57.3                      | 95.7                         | 12 600*                      | 59.2                      | 96.7                         | 14 700*                      | 61.0                      | 97.5                         | 15 400                       | 42.0                        |
| 44.0                        | 53.9                      | 93.5                         | 9 900*                       | 55.3                      | 94.3                         | 11 800*                      | 57.2                      | 95.4                         | 14 000*                      | 59.1                      | 96.3                         | 14 400                       | 44.0                        |
| 46.0                        | 51.8                      | 91.9                         | 9 200*                       | 53.2                      | 92.9                         | 11 100*                      | 55.2                      | 94.0                         | 13 300*                      | 57.1                      | 95.0                         | 13 400                       | 46.0                        |
| 48.0                        | 49.6                      | 90.3                         | 8 600*                       | 51.0                      | 91.3                         | 10 300*                      | 53.1                      | 92.6                         | 12 600*                      | 55.0                      | 93.6                         | 12 600                       | 48.0                        |
| 50.0                        | 47.3                      | 88.5                         | 8 000*                       | 48.8                      | 89.5                         | 9 700*                       | 50.9                      | 91.0                         | 12 000*                      | 52.9                      | 92.2                         | 11 800                       | 50.0                        |
| 52.0                        | 45.0                      | 86.5                         | 7 500*                       | 46.5                      | 87.7                         | 9 100*                       | 48.7                      | 89.2                         | 11 300*                      | 50.8                      | 90.6                         | 11 100                       | 52.0                        |
| 54.0                        | 42.5                      | 84.4                         | 7 100*                       | 44.1                      | 85.7                         | 8 500*                       | 46.4                      | 87.4                         | 10 400*                      | 48.5                      | 88.8                         | 10 400                       | 54.0                        |
| 56.0                        | 39.9                      | 82.0                         | 6 600*                       | 41.6                      | 83.5                         | 7 900*                       | 43.9                      | 85.3                         | 9 700*                       | 46.2                      | 86.9                         | 9 900                        | 56.0                        |
| 58.0                        | 37.1                      | 79.5                         | 6 200*                       | 38.9                      | 81.1                         | 7 400*                       | 41.4                      | 83.1                         | 9 000*                       | 43.8                      | 84.9                         | 9 300                        | 58.0                        |
| 60.0                        | 34.2                      | 76.6                         | 5 800*                       | 36.1                      | 78.4                         | 6 900*                       | 38.8                      | 80.7                         | 8 400*                       | 41.3                      | 82.7                         | 8 800                        | 60.0                        |
| 62.0                        | 31.0                      | 73.4                         | 5 500*                       | 33.1                      | 75.4                         | 6 500*                       | 36.0                      | 78.0                         | 7 800*                       | 38.6                      | 80.2                         | 8 300                        | 62.0                        |
| 64.0                        | 27.5                      | 69.8                         | 5 200*                       | 29.8                      | 72.1                         | 6 100*                       | 32.9                      | 75.1                         | 7 300*                       | 35.8                      | 77.6                         | 7 800                        | 64.0                        |
| 66.0                        | 23.5                      | 65.5                         | 5 000*                       | 26.1                      | 68.2                         | 5 800*                       | 29.6                      | 71.7                         | 6 800*                       | 32.8                      | 74.6                         | 7 200*                       | 66.0                        |
| 68.0                        | 18.7                      | 60.2                         | 4 800*                       | 21.9                      | 63.6                         | 5 500*                       | 25.9                      | 67.8                         | 6 300*                       | 29.4                      | 71.2                         | 6 800*                       | 68.0                        |
| 70.0                        | 12.1                      | 52.6                         | 4 600*                       | 16.6                      | 57.7                         | 5 300*                       | 21.7                      | 63.2                         | 5 900*                       | 25.7                      | 67.3                         | 6 300*                       | 70.0                        |
| 72.0                        |                           |                              |                              |                           |                              |                              | 16.3                      | 57.2                         | 5 400*                       | 21.4                      | 62.5                         | 5 800*                       | 72.0                        |
| 74.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 16.0                      | 56.4                         | 5 400*                       | 74.0                        |
| 76.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 7.1                       | 46.1                         | 4 700*                       | 76.0                        |



# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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

**999 SERIES 3**

## 36.6m (120 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib, 9.1m (30 Ft.) Fixed Jib

| Fixed Jib Oper. Rad. Meters | 88 Degree Boom Angle      |                              |                              | 86 Degree Boom Angle      |                              |                              | 83 Degree Boom Angle      |                              |                              | 80 Degree Boom Angle      |                              |                              | Fixed Jib Oper. Rad. Meters |
|-----------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|-----------------------------|
|                             | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms |                             |
| 22.9                        | 74.7                      | 107.3                        | 14 200*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 22.9                        |
| 24.0                        | 73.7                      | 106.9                        | 14 100*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 24.0                        |
| 26.0                        | 72.0                      | 106.3                        | 14 000*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 26.0                        |
| 28.0                        | 70.3                      | 105.6                        | 13 800*                      | 71.4                      | 105.9                        | 16 300*                      |                           |                              |                              |                           |                              |                              | 28.0                        |
| 30.0                        | 68.6                      | 104.8                        | 13 700*                      | 69.7                      | 105.2                        | 16 000*                      |                           |                              |                              |                           |                              |                              | 30.0                        |
| 32.0                        | 66.8                      | 104.0                        | 13 500*                      | 68.0                      | 104.4                        | 15 800*                      | 69.6                      | 105.0                        | 15 900*                      |                           |                              |                              | 32.0                        |
| 34.0                        | 65.1                      | 103.1                        | 13 200*                      | 66.2                      | 103.6                        | 15 300*                      | 67.9                      | 104.2                        | 15 800*                      |                           |                              |                              | 34.0                        |
| 36.0                        | 63.3                      | 102.1                        | 12 400*                      | 64.4                      | 102.6                        | 14 500*                      | 66.1                      | 103.3                        | 15 800*                      |                           |                              |                              | 36.0                        |
| 38.0                        | 61.4                      | 101.0                        | 11 600*                      | 62.6                      | 101.6                        | 13 700*                      | 64.3                      | 102.3                        | 15 700*                      |                           |                              |                              | 38.0                        |
| 40.0                        | 59.6                      | 99.8                         | 11 000*                      | 60.7                      | 100.5                        | 13 000*                      | 62.5                      | 101.3                        | 15 000*                      | 64.2                      | 102.0                        | 15 300*                      | 40.0                        |
| 42.0                        | 57.7                      | 98.6                         | 10 300*                      | 58.9                      | 99.3                         | 12 300*                      | 60.7                      | 100.2                        | 14 300*                      | 62.4                      | 100.9                        | 15 000                       | 42.0                        |
| 44.0                        | 55.7                      | 97.2                         | 9 700*                       | 57.0                      | 98.0                         | 11 500*                      | 58.8                      | 99.0                         | 13 500*                      | 60.6                      | 99.8                         | 14 200                       | 44.0                        |
| 46.0                        | 53.7                      | 95.8                         | 9 100*                       | 55.0                      | 96.6                         | 10 900*                      | 56.9                      | 97.7                         | 12 900*                      | 58.7                      | 98.6                         | 13 200                       | 46.0                        |
| 48.0                        | 51.7                      | 94.3                         | 8 500*                       | 53.0                      | 95.2                         | 10 200*                      | 54.9                      | 96.4                         | 12 200*                      | 56.7                      | 97.3                         | 12 400                       | 48.0                        |
| 50.0                        | 49.6                      | 92.6                         | 8 000*                       | 50.9                      | 93.6                         | 9 600*                       | 52.9                      | 94.9                         | 11 600*                      | 54.8                      | 96.0                         | 11 600                       | 50.0                        |
| 52.0                        | 47.4                      | 90.8                         | 7 500*                       | 48.8                      | 91.8                         | 9 000*                       | 50.8                      | 93.3                         | 11 000*                      | 52.8                      | 94.5                         | 10 900                       | 52.0                        |
| 54.0                        | 45.1                      | 88.8                         | 7 000*                       | 46.6                      | 90.0                         | 8 400*                       | 48.7                      | 91.5                         | 10 200*                      | 50.7                      | 92.9                         | 10 300                       | 54.0                        |
| 56.0                        | 42.8                      | 86.7                         | 6 600*                       | 44.3                      | 88.0                         | 7 900*                       | 46.5                      | 89.7                         | 9 500*                       | 48.6                      | 91.1                         | 9 600                        | 56.0                        |
| 58.0                        | 40.3                      | 84.4                         | 6 200*                       | 41.9                      | 85.8                         | 7 400*                       | 44.2                      | 87.7                         | 8 800*                       | 46.3                      | 89.3                         | 9 100                        | 58.0                        |
| 60.0                        | 37.7                      | 81.9                         | 5 800*                       | 39.4                      | 83.4                         | 7 000*                       | 41.8                      | 85.5                         | 8 200*                       | 44.0                      | 87.2                         | 8 600                        | 60.0                        |
| 62.0                        | 35.0                      | 79.1                         | 5 500*                       | 36.7                      | 80.8                         | 6 600*                       | 39.3                      | 83.1                         | 7 600*                       | 41.6                      | 85.0                         | 8 100                        | 62.0                        |
| 64.0                        | 32.0                      | 76.0                         | 5 200*                       | 33.9                      | 77.9                         | 6 200*                       | 36.6                      | 80.5                         | 7 000*                       | 39.1                      | 82.6                         | 7 500*                       | 64.0                        |
| 66.0                        | 28.7                      | 72.5                         | 4 900*                       | 30.8                      | 74.7                         | 5 900*                       | 33.8                      | 77.6                         | 6 500*                       | 36.5                      | 80.0                         | 7 000*                       | 66.0                        |
| 68.0                        | 25.1                      | 68.5                         | 4 700*                       | 27.5                      | 71.1                         | 5 500*                       | 30.7                      | 74.3                         | 6 000*                       | 33.6                      | 77.1                         | 6 500*                       | 68.0                        |
| 70.0                        | 20.9                      | 63.7                         | 4 500*                       | 23.7                      | 66.8                         | 5 200*                       | 27.3                      | 70.7                         | 5 600*                       | 30.5                      | 73.8                         | 6 000*                       | 70.0                        |
| 72.0                        | 15.6                      | 57.4                         | 4 300*                       | 19.1                      | 61.5                         | 4 900*                       | 23.5                      | 66.3                         | 5 200*                       | 27.1                      | 70.1                         | 5 600*                       | 72.0                        |
| 74.0                        |                           |                              |                              | 13.1                      | 54.4                         | 4 200*                       | 18.9                      | 61.0                         | 4 800*                       | 23.2                      | 65.8                         | 5 200*                       | 74.0                        |
| 76.0                        |                           |                              |                              |                           |                              |                              | 12.7                      | 53.7                         | 4 400*                       | 18.6                      | 60.4                         | 4 800*                       | 76.0                        |
| 78.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 12.3                      | 52.9                         | 4 400*                       | 78.0                        |

# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

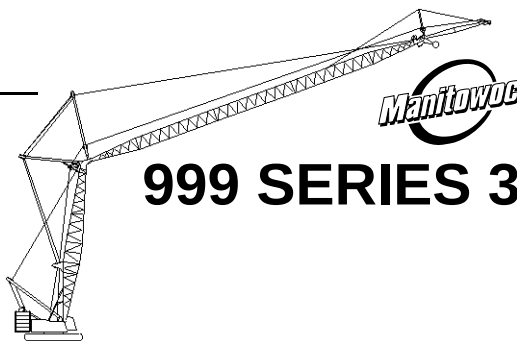
Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 999 SERIES 3

### 36.6m (120 Ft.) Boom, 64.0m (210 Ft.) Luffing Jib, 9.1m (30 Ft.) Fixed Jib

| Fixed Jib<br>Oper.<br>Rad.<br>Meters | 88 Degree<br>Boom Angle            |                                          |                                    | 86 Degree<br>Boom Angle            |                                          |                                    | 83 Degree<br>Boom Angle            |                                          |                                    | 80 Degree<br>Boom Angle            |                                          |                                    | Fixed Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|--------------------------------------|
|                                      | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms |                                      |
| 24.4                                 | 74.1                               | 110.0                                    | 12 900*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 24.4                                 |
| 26.0                                 | 72.8                               | 109.5                                    | 12 800*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 26.0                                 |
| 28.0                                 | 71.2                               | 108.8                                    | 12 700*                            | 72.2                               | 109.2                                    | 14 700*                            |                                    |                                          |                                    |                                    |                                          |                                    | 28.0                                 |
| 30.0                                 | 69.5                               | 108.1                                    | 12 500*                            | 70.6                               | 108.5                                    | 14 600*                            |                                    |                                          |                                    |                                    |                                          |                                    | 30.0                                 |
| 32.0                                 | 67.8                               | 107.3                                    | 12 400*                            | 68.9                               | 107.7                                    | 14 500*                            |                                    |                                          |                                    |                                    |                                          |                                    | 32.0                                 |
| 34.0                                 | 66.2                               | 106.4                                    | 12 200*                            | 67.2                               | 106.9                                    | 14 300*                            | 68.8                               | 107.5                                    | 14 500*                            |                                    |                                          |                                    | 34.0                                 |
| 36.0                                 | 64.4                               | 105.5                                    | 11 900*                            | 65.5                               | 106.0                                    | 13 900*                            | 67.2                               | 106.6                                    | 14 400*                            |                                    |                                          |                                    | 36.0                                 |
| 38.0                                 | 62.7                               | 104.5                                    | 11 300*                            | 63.8                               | 105.0                                    | 13 200*                            | 65.5                               | 105.7                                    | 14 300*                            |                                    |                                          |                                    | 38.0                                 |
| 40.0                                 | 60.9                               | 103.4                                    | 10 600*                            | 62.1                               | 104.0                                    | 12 500*                            | 63.7                               | 104.8                                    | 14 200*                            | 65.4                               | 105.4                                    | 13 900*                            | 40.0                                 |
| 42.0                                 | 59.1                               | 102.2                                    | 10 000*                            | 60.3                               | 102.9                                    | 11 900*                            | 62.0                               | 103.7                                    | 13 900*                            | 63.6                               | 104.4                                    | 13 900*                            | 42.0                                 |
| 44.0                                 | 57.3                               | 100.9                                    | 9 500*                             | 58.5                               | 101.6                                    | 11 300*                            | 60.2                               | 102.6                                    | 13 200*                            | 61.9                               | 103.3                                    | 13 800*                            | 44.0                                 |
| 46.0                                 | 55.4                               | 99.6                                     | 8 900*                             | 56.6                               | 100.4                                    | 10 700*                            | 58.4                               | 101.4                                    | 12 500*                            | 60.1                               | 102.2                                    | 13 000                             | 46.0                                 |
| 48.0                                 | 53.5                               | 98.1                                     | 8 400*                             | 54.8                               | 99.0                                     | 10 000*                            | 56.5                               | 100.1                                    | 11 900*                            | 58.3                               | 101.0                                    | 12 200                             | 48.0                                 |
| 50.0                                 | 51.6                               | 96.6                                     | 7 900*                             | 52.8                               | 97.5                                     | 9 500*                             | 54.7                               | 98.7                                     | 11 300*                            | 56.4                               | 99.7                                     | 11 400                             | 50.0                                 |
| 52.0                                 | 49.5                               | 94.9                                     | 7 400*                             | 50.8                               | 95.9                                     | 8 900*                             | 52.7                               | 97.2                                     | 10 700*                            | 54.6                               | 98.3                                     | 10 700                             | 52.0                                 |
| 54.0                                 | 47.5                               | 93.1                                     | 7 000*                             | 48.8                               | 94.1                                     | 8 400*                             | 50.7                               | 95.6                                     | 10 000*                            | 52.6                               | 96.8                                     | 10 100                             | 54.0                                 |
| 56.0                                 | 45.3                               | 91.1                                     | 6 600*                             | 46.7                               | 92.3                                     | 7 900*                             | 48.7                               | 93.8                                     | 9 200*                             | 50.6                               | 95.2                                     | 9 500                              | 56.0                                 |
| 58.0                                 | 43.1                               | 89.0                                     | 6 200*                             | 44.5                               | 90.3                                     | 7 500*                             | 46.6                               | 92.0                                     | 8 500*                             | 48.6                               | 93.4                                     | 8 900                              | 58.0                                 |
| 60.0                                 | 40.7                               | 86.8                                     | 5 800*                             | 42.2                               | 88.1                                     | 7 000*                             | 44.4                               | 90.0                                     | 7 900*                             | 46.5                               | 91.6                                     | 8 400                              | 60.0                                 |
| 62.0                                 | 38.2                               | 84.3                                     | 5 500*                             | 39.8                               | 85.8                                     | 6 600*                             | 42.1                               | 87.8                                     | 7 400*                             | 44.3                               | 89.5                                     | 7 900                              | 62.0                                 |
| 64.0                                 | 35.6                               | 81.6                                     | 5 200*                             | 37.3                               | 83.2                                     | 6 200*                             | 39.7                               | 85.5                                     | 6 800*                             | 42.0                               | 87.4                                     | 7 300*                             | 64.0                                 |
| 66.0                                 | 32.8                               | 78.6                                     | 4 900*                             | 34.6                               | 80.4                                     | 5 800*                             | 37.2                               | 82.9                                     | 6 300*                             | 39.6                               | 85.0                                     | 6 800*                             | 66.0                                 |
| 68.0                                 | 29.8                               | 75.2                                     | 4 700*                             | 31.8                               | 77.3                                     | 5 400*                             | 34.5                               | 80.1                                     | 5 800*                             | 37.0                               | 82.4                                     | 6 300*                             | 68.0                                 |
| 70.0                                 | 26.5                               | 71.4                                     | 4 500*                             | 28.7                               | 73.8                                     | 5 000*                             | 31.6                               | 76.9                                     | 5 400*                             | 34.4                               | 79.6                                     | 5 800*                             | 70.0                                 |
| 72.0                                 | 22.7                               | 66.9                                     | 4 300*                             | 25.2                               | 69.8                                     | 4 600*                             | 28.5                               | 73.4                                     | 5 000*                             | 31.5                               | 76.4                                     | 5 400*                             | 72.0                                 |
| 74.0                                 | 18.1                               | 61.4                                     | 4 000*                             | 21.1                               | 65.0                                     | 4 200*                             | 25.0                               | 69.4                                     | 4 600*                             | 28.3                               | 72.9                                     | 4 900*                             | 74.0                                 |
| 76.0                                 | 12.0                               | 53.7                                     | 3 200*                             | 16.2                               | 58.9                                     | 3 900*                             | 20.9                               | 64.5                                     | 4 200*                             | 24.8                               | 68.8                                     | 4 600*                             | 76.0                                 |
| 78.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 15.9                               | 58.3                                     | 3 900*                             | 20.7                               | 63.9                                     | 4 200*                             | 78.0                                 |
| 80.0                                 |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 15.6                               | 57.6                                     | 3 900*                             | 80.0                                 |
| 82.0                                 |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 7.4                                | 47.3                                     | 3 200*                             | 82.0                                 |



# Liftcrane Fixed Jib Capacities

**999 SERIES 3**

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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

**36.6m (120 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib, 12.2m (40 Ft.) Fixed Jib**

| Fixed Jib Oper. Rad. Meters | 88 Degree Boom Angle      |                              |                              | 86 Degree Boom Angle      |                              |                              | 83 Degree Boom Angle      |                              |                              | 80 Degree Boom Angle      |                              |                              | Fixed Jib Oper. Rad. Meters |
|-----------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|-----------------------------|
|                             | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms |                             |
| 22.9                        | 73.6                      | 100.9                        | 16 000*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 22.9                        |
| 24.0                        | 72.6                      | 100.5                        | 15 900*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 24.0                        |
| 26.0                        | 70.7                      | 99.8                         | 15 800*                      | 71.9                      | 100.2                        | 18 400*                      |                           |                              |                              |                           |                              |                              | 26.0                        |
| 28.0                        | 68.8                      | 99.0                         | 15 600*                      | 70.0                      | 99.4                         | 17 900*                      |                           |                              |                              |                           |                              |                              | 28.0                        |
| 30.0                        | 66.9                      | 98.2                         | 15 400*                      | 68.1                      | 98.6                         | 16 800*                      |                           |                              |                              |                           |                              |                              | 30.0                        |
| 32.0                        | 64.9                      | 97.2                         | 14 700*                      | 66.2                      | 97.7                         | 15 800*                      | 68.0                      | 98.4                         | 17 000*                      |                           |                              |                              | 32.0                        |
| 34.0                        | 63.0                      | 96.2                         | 13 800*                      | 64.2                      | 96.8                         | 14 900*                      | 66.1                      | 97.5                         | 16 000*                      |                           |                              |                              | 34.0                        |
| 36.0                        | 60.9                      | 95.1                         | 12 900*                      | 62.2                      | 95.7                         | 14 000*                      | 64.1                      | 96.5                         | 15 100*                      | 66.0                      | 97.1                         | 16 100*                      | 36.0                        |
| 38.0                        | 58.9                      | 93.9                         | 12 000*                      | 60.2                      | 94.6                         | 13 300*                      | 62.1                      | 95.4                         | 14 300*                      | 64.0                      | 96.1                         | 15 200*                      | 38.0                        |
| 40.0                        | 56.7                      | 92.6                         | 11 200*                      | 58.1                      | 93.3                         | 12 600*                      | 60.1                      | 94.3                         | 13 600*                      | 62.0                      | 95.1                         | 14 500*                      | 40.0                        |
| 42.0                        | 54.6                      | 91.1                         | 10 400*                      | 56.0                      | 92.0                         | 11 900*                      | 58.0                      | 93.0                         | 12 800*                      | 60.0                      | 93.9                         | 13 700*                      | 42.0                        |
| 44.0                        | 52.3                      | 89.6                         | 9 600*                       | 53.8                      | 90.5                         | 11 300*                      | 55.9                      | 91.7                         | 12 200*                      | 57.9                      | 92.6                         | 13 000*                      | 44.0                        |
| 46.0                        | 50.0                      | 87.9                         | 9 000*                       | 51.5                      | 88.9                         | 10 700*                      | 53.7                      | 90.2                         | 11 600*                      | 55.7                      | 91.3                         | 12 400*                      | 46.0                        |
| 48.0                        | 47.7                      | 86.1                         | 8 300*                       | 49.2                      | 87.2                         | 9 900*                       | 51.4                      | 88.6                         | 11 000*                      | 53.5                      | 89.8                         | 11 800*                      | 48.0                        |
| 50.0                        | 45.2                      | 84.2                         | 7 700*                       | 46.8                      | 85.3                         | 9 200*                       | 49.1                      | 86.9                         | 10 500*                      | 51.3                      | 88.2                         | 11 200*                      | 50.0                        |
| 52.0                        | 42.6                      | 82.0                         | 7 200*                       | 44.2                      | 83.3                         | 8 600*                       | 46.6                      | 85.0                         | 10 100*                      | 48.9                      | 86.5                         | 10 700*                      | 52.0                        |
| 54.0                        | 39.8                      | 79.6                         | 6 700*                       | 41.6                      | 81.1                         | 8 000*                       | 44.1                      | 83.0                         | 9 700*                       | 46.5                      | 84.6                         | 10 300*                      | 54.0                        |
| 56.0                        | 36.9                      | 77.0                         | 6 300*                       | 38.8                      | 78.6                         | 7 400*                       | 41.5                      | 80.7                         | 9 200*                       | 44.0                      | 82.5                         | 9 800*                       | 56.0                        |
| 58.0                        | 33.8                      | 74.1                         | 5 900*                       | 35.8                      | 75.9                         | 6 900*                       | 38.7                      | 78.3                         | 8 900*                       | 41.3                      | 80.3                         | 9 400*                       | 58.0                        |
| 60.0                        | 30.4                      | 70.7                         | 5 500*                       | 32.6                      | 72.8                         | 6 400*                       | 35.7                      | 75.5                         | 8 400*                       | 38.5                      | 77.8                         | 9 000*                       | 60.0                        |
| 62.0                        | 26.5                      | 66.9                         | 5 200*                       | 29.0                      | 69.3                         | 6 000*                       | 32.4                      | 72.4                         | 7 800*                       | 35.5                      | 75.0                         | 8 700                        | 62.0                        |
| 64.0                        | 22.0                      | 62.2                         | 4 900*                       | 25.0                      | 65.2                         | 5 700*                       | 28.8                      | 68.9                         | 7 200*                       | 32.2                      | 71.9                         | 8 200                        | 64.0                        |
| 66.0                        | 16.3                      | 56.1                         | 4 700*                       | 20.2                      | 60.1                         | 5 400*                       | 24.8                      | 64.8                         | 6 700*                       | 28.6                      | 68.4                         | 7 800*                       | 66.0                        |
| 68.0                        |                           |                              |                              | 13.7                      | 53.1                         | 5 100*                       | 19.9                      | 59.6                         | 6 300*                       | 24.5                      | 64.2                         | 7 200*                       | 68.0                        |
| 70.0                        |                           |                              |                              |                           |                              |                              | 13.3                      | 52.5                         | 6 000*                       | 19.6                      | 59.0                         | 6 800*                       | 70.0                        |
| 72.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 12.8                      | 51.6                         | 6 200*                       | 72.0                        |

# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

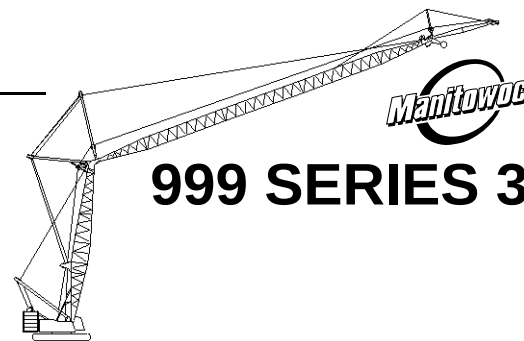
Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 999 SERIES 3

### 36.6m (120 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib, 12.2m (40 Ft.) Fixed Jib

| Fixed Jib Oper. Rad. Meters | 88 Degree Boom Angle      |                              |                              | 86 Degree Boom Angle      |                              |                              | 83 Degree Boom Angle      |                              |                              | 80 Degree Boom Angle      |                              |                              | Fixed Jib Oper. Rad. Meters |
|-----------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|-----------------------------|
|                             | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms |                             |
| 22.9                        | 74.4                      | 104.1                        | 14 800*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 22.9                        |
| 24.0                        | 73.4                      | 103.7                        | 14 700*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 24.0                        |
| 26.0                        | 71.6                      | 103.0                        | 14 600*                      | 72.8                      | 103.4                        | 17 000*                      |                           |                              |                              |                           |                              |                              | 26.0                        |
| 28.0                        | 69.8                      | 102.3                        | 14 500*                      | 71.0                      | 102.7                        | 16 900*                      |                           |                              |                              |                           |                              |                              | 28.0                        |
| 30.0                        | 68.0                      | 101.5                        | 14 400*                      | 69.2                      | 101.9                        | 16 100*                      |                           |                              |                              |                           |                              |                              | 30.0                        |
| 32.0                        | 66.1                      | 100.6                        | 14 100*                      | 67.3                      | 101.1                        | 15 100*                      | 69.1                      | 101.7                        | 16 200*                      |                           |                              |                              | 32.0                        |
| 34.0                        | 64.3                      | 99.6                         | 13 400*                      | 65.5                      | 100.2                        | 14 200*                      | 67.2                      | 100.8                        | 15 300*                      |                           |                              |                              | 34.0                        |
| 36.0                        | 62.4                      | 98.6                         | 12 500*                      | 63.6                      | 99.2                         | 13 500*                      | 65.4                      | 99.9                         | 14 400*                      |                           |                              |                              | 36.0                        |
| 38.0                        | 60.4                      | 97.4                         | 11 700*                      | 61.7                      | 98.1                         | 12 700*                      | 63.5                      | 98.9                         | 13 600*                      | 65.3                      | 99.5                         | 14 500*                      | 38.0                        |
| 40.0                        | 58.4                      | 96.2                         | 11 000*                      | 59.7                      | 96.9                         | 12 100*                      | 61.6                      | 97.8                         | 12 900*                      | 63.4                      | 98.5                         | 13 800*                      | 40.0                        |
| 42.0                        | 56.4                      | 94.9                         | 10 300*                      | 57.7                      | 95.7                         | 11 400*                      | 59.6                      | 96.6                         | 12 300*                      | 61.5                      | 97.4                         | 13 100*                      | 42.0                        |
| 44.0                        | 54.3                      | 93.5                         | 9 600*                       | 55.7                      | 94.3                         | 10 900*                      | 57.6                      | 95.4                         | 11 700*                      | 59.5                      | 96.3                         | 12 400*                      | 44.0                        |
| 46.0                        | 52.2                      | 91.9                         | 8 900*                       | 53.6                      | 92.8                         | 10 400*                      | 55.6                      | 94.0                         | 11 100*                      | 57.5                      | 95.0                         | 11 800*                      | 46.0                        |
| 48.0                        | 50.0                      | 90.2                         | 8 300*                       | 51.4                      | 91.2                         | 9 900*                       | 53.5                      | 92.5                         | 10 600*                      | 55.4                      | 93.6                         | 11 300*                      | 48.0                        |
| 50.0                        | 47.7                      | 88.4                         | 7 800*                       | 49.2                      | 89.5                         | 9 300*                       | 51.3                      | 90.9                         | 10 100*                      | 53.3                      | 92.1                         | 10 700*                      | 50.0                        |
| 52.0                        | 45.4                      | 86.5                         | 7 300*                       | 46.9                      | 87.6                         | 8 600*                       | 49.1                      | 89.2                         | 9 700*                       | 51.2                      | 90.5                         | 10 300*                      | 52.0                        |
| 54.0                        | 42.9                      | 84.3                         | 6 800*                       | 44.5                      | 85.6                         | 8 000*                       | 46.8                      | 87.3                         | 9 200*                       | 48.9                      | 88.8                         | 9 800*                       | 54.0                        |
| 56.0                        | 40.3                      | 82.0                         | 6 300*                       | 42.0                      | 83.4                         | 7 500*                       | 44.4                      | 85.3                         | 8 900*                       | 46.6                      | 86.9                         | 9 400*                       | 56.0                        |
| 58.0                        | 37.5                      | 79.4                         | 5 900*                       | 39.3                      | 81.0                         | 7 000*                       | 41.8                      | 83.1                         | 8 500*                       | 44.2                      | 84.9                         | 9 000*                       | 58.0                        |
| 60.0                        | 34.6                      | 76.6                         | 5 600*                       | 36.5                      | 78.3                         | 6 500*                       | 39.2                      | 80.7                         | 8 200*                       | 41.7                      | 82.6                         | 8 600*                       | 60.0                        |
| 62.0                        | 31.4                      | 73.4                         | 5 200*                       | 33.5                      | 75.4                         | 6 100*                       | 36.4                      | 78.0                         | 7 800*                       | 39.0                      | 80.2                         | 8 300*                       | 62.0                        |
| 64.0                        | 27.9                      | 69.7                         | 4 900*                       | 30.2                      | 72.0                         | 5 800*                       | 33.3                      | 75.0                         | 7 400*                       | 36.2                      | 77.5                         | 8 000*                       | 64.0                        |
| 66.0                        | 23.9                      | 65.4                         | 4 700*                       | 26.5                      | 68.2                         | 5 400*                       | 30.0                      | 71.6                         | 7 000*                       | 33.2                      | 74.5                         | 7 500*                       | 66.0                        |
| 68.0                        | 19.1                      | 60.1                         | 4 500*                       | 22.3                      | 63.5                         | 5 100*                       | 26.3                      | 67.7                         | 6 500*                       | 29.8                      | 71.1                         | 7 000*                       | 68.0                        |
| 70.0                        | 12.4                      | 52.5                         | 4 400*                       | 17.0                      | 57.6                         | 4 900*                       | 22.0                      | 63.1                         | 6 100*                       | 26.1                      | 67.2                         | 6 500*                       | 70.0                        |
| 72.0                        |                           |                              |                              |                           |                              |                              | 16.7                      | 57.0                         | 5 700*                       | 21.8                      | 62.5                         | 6 100*                       | 72.0                        |
| 74.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 16.3                      | 56.3                         | 5 700*                       | 74.0                        |
| 76.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 7.3                       | 45.9                         | 4 900*                       | 76.0                        |



# Liftcrane Fixed Jib Capacities

**999 SERIES 3**

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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

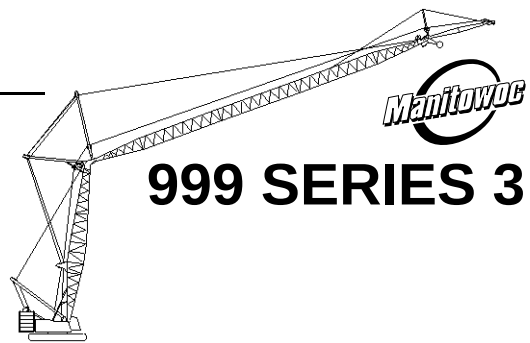
**36.6m (120 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib, 12.2m (40 Ft.) Fixed Jib**

| Fixed Jib Oper. Rad. Meters | 88 Degree Boom Angle      |                              |                              | 86 Degree Boom Angle      |                              |                              | 83 Degree Boom Angle      |                              |                              | 80 Degree Boom Angle      |                              |                              | Fixed Jib Oper. Rad. Meters |
|-----------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|-----------------------------|
|                             | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms |                             |
| 24.4                        | 73.8                      | 106.8                        | 14 000*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 24.4                        |
| 26.0                        | 72.4                      | 106.3                        | 13 500*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 26.0                        |
| 28.0                        | 70.7                      | 105.6                        | 13 400*                      | 71.8                      | 105.9                        | 15 700*                      |                           |                              |                              |                           |                              |                              | 28.0                        |
| 30.0                        | 69.0                      | 104.8                        | 13 200*                      | 70.1                      | 105.2                        | 15 600*                      |                           |                              |                              |                           |                              |                              | 30.0                        |
| 32.0                        | 67.2                      | 103.9                        | 13 100*                      | 68.4                      | 104.4                        | 15 500*                      |                           |                              |                              |                           |                              |                              | 32.0                        |
| 34.0                        | 65.5                      | 103.0                        | 12 900*                      | 66.6                      | 103.5                        | 14 600*                      | 68.3                      | 104.1                        | 15 300*                      |                           |                              |                              | 34.0                        |
| 36.0                        | 63.7                      | 102.0                        | 12 200*                      | 64.8                      | 102.6                        | 13 900*                      | 66.5                      | 103.3                        | 14 900*                      |                           |                              |                              | 36.0                        |
| 38.0                        | 61.8                      | 101.0                        | 11 400*                      | 63.0                      | 101.6                        | 13 200*                      | 64.7                      | 102.3                        | 14 100*                      |                           |                              |                              | 38.0                        |
| 40.0                        | 60.0                      | 99.8                         | 10 800*                      | 61.1                      | 100.5                        | 12 500*                      | 62.9                      | 101.3                        | 13 400*                      | 64.6                      | 101.9                        | 14 200*                      | 40.0                        |
| 42.0                        | 58.0                      | 98.6                         | 10 100*                      | 59.3                      | 99.3                         | 11 900*                      | 61.1                      | 100.2                        | 12 800*                      | 62.8                      | 100.9                        | 13 500*                      | 42.0                        |
| 44.0                        | 56.1                      | 97.2                         | 9 500*                       | 57.3                      | 98.0                         | 11 200*                      | 59.2                      | 99.0                         | 12 200*                      | 61.0                      | 99.8                         | 12 900*                      | 44.0                        |
| 46.0                        | 54.1                      | 95.8                         | 8 800*                       | 55.4                      | 96.6                         | 10 500*                      | 57.3                      | 97.7                         | 11 600*                      | 59.1                      | 98.6                         | 12 300*                      | 46.0                        |
| 48.0                        | 52.1                      | 94.2                         | 8 300*                       | 53.4                      | 95.1                         | 9 800*                       | 55.3                      | 96.3                         | 11 100*                      | 57.1                      | 97.3                         | 11 800*                      | 48.0                        |
| 50.0                        | 50.0                      | 92.5                         | 7 700*                       | 51.3                      | 93.5                         | 9 200*                       | 53.3                      | 94.8                         | 10 600*                      | 55.2                      | 95.9                         | 11 200*                      | 50.0                        |
| 52.0                        | 47.8                      | 90.7                         | 7 300*                       | 49.2                      | 91.8                         | 8 600*                       | 51.2                      | 93.2                         | 10 100*                      | 53.2                      | 94.4                         | 10 700*                      | 52.0                        |
| 54.0                        | 45.5                      | 88.8                         | 6 800*                       | 47.0                      | 89.9                         | 8 100*                       | 49.1                      | 91.5                         | 9 700*                       | 51.1                      | 92.8                         | 10 300*                      | 54.0                        |
| 56.0                        | 43.2                      | 86.7                         | 6 300*                       | 44.7                      | 87.9                         | 7 500*                       | 46.9                      | 89.6                         | 9 300*                       | 48.9                      | 91.1                         | 9 900*                       | 56.0                        |
| 58.0                        | 40.7                      | 84.4                         | 6 000*                       | 42.3                      | 85.8                         | 7 100*                       | 44.6                      | 87.6                         | 9 000*                       | 46.7                      | 89.2                         | 9 400                        | 58.0                        |
| 60.0                        | 38.1                      | 81.8                         | 5 600*                       | 39.8                      | 83.4                         | 6 600*                       | 42.2                      | 85.4                         | 8 500*                       | 44.4                      | 87.2                         | 8 800                        | 60.0                        |
| 62.0                        | 35.3                      | 79.1                         | 5 300*                       | 37.1                      | 80.8                         | 6 200*                       | 39.7                      | 83.0                         | 7 900*                       | 42.0                      | 85.0                         | 8 400                        | 62.0                        |
| 64.0                        | 32.4                      | 76.0                         | 5 000*                       | 34.3                      | 77.9                         | 5 800*                       | 37.0                      | 80.4                         | 7 400*                       | 39.5                      | 82.6                         | 7 900                        | 64.0                        |
| 66.0                        | 29.1                      | 72.5                         | 4 700*                       | 31.2                      | 74.7                         | 5 500*                       | 34.1                      | 77.5                         | 6 900*                       | 36.8                      | 80.0                         | 7 400*                       | 66.0                        |
| 68.0                        | 25.5                      | 68.4                         | 4 500*                       | 27.8                      | 71.0                         | 5 200*                       | 31.1                      | 74.3                         | 6 400*                       | 34.0                      | 77.0                         | 6 800*                       | 68.0                        |
| 70.0                        | 21.2                      | 63.6                         | 4 300*                       | 24.0                      | 66.7                         | 4 900*                       | 27.7                      | 70.6                         | 6 000*                       | 30.9                      | 73.8                         | 6 400*                       | 70.0                        |
| 72.0                        | 15.9                      | 57.3                         | 4 100*                       | 19.5                      | 61.4                         | 4 700*                       | 23.8                      | 66.3                         | 5 500*                       | 27.5                      | 70.0                         | 5 900*                       | 72.0                        |
| 74.0                        |                           |                              |                              | 13.4                      | 54.2                         | 4 400*                       | 19.2                      | 60.9                         | 5 100*                       | 23.6                      | 65.7                         | 5 500*                       | 74.0                        |
| 76.0                        |                           |                              |                              |                           |                              |                              | 13.0                      | 53.5                         | 4 700*                       | 18.9                      | 60.3                         | 5 100*                       | 76.0                        |
| 78.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 12.6                      | 52.7                         | 4 700*                       | 78.0                        |

# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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



## 999 SERIES 3

### 36.6m (120 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib, 12.2m (40 Ft.) Fixed Jib

| Fixed Jib<br>Oper.<br>Rad.<br>Meters | 88 Degree<br>Boom Angle            |                                          |                                    | 86 Degree<br>Boom Angle            |                                          |                                    | 83 Degree<br>Boom Angle            |                                          |                                    | 80 Degree<br>Boom Angle            |                                          |                                    | Fixed Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|--------------------------------------|
|                                      | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms |                                      |
| 24.4                                 | 74.5                               | 110.0                                    | 12 600*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 24.4                                 |
| 26.0                                 | 73.2                               | 109.5                                    | 12 500*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 26.0                                 |
| 28.0                                 | 71.6                               | 108.8                                    | 12 300*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 28.0                                 |
| 30.0                                 | 69.9                               | 108.1                                    | 12 200*                            | 71.0                               | 108.4                                    | 14 400*                            |                                    |                                          |                                    |                                    |                                          |                                    | 30.0                                 |
| 32.0                                 | 68.2                               | 107.3                                    | 12 100*                            | 69.3                               | 107.7                                    | 14 200*                            |                                    |                                          |                                    |                                    |                                          |                                    | 32.0                                 |
| 34.0                                 | 66.5                               | 106.4                                    | 11 900*                            | 67.6                               | 106.9                                    | 14 000*                            | 69.2                               | 107.4                                    | 14 100*                            |                                    |                                          |                                    | 34.0                                 |
| 36.0                                 | 64.8                               | 105.4                                    | 11 700*                            | 65.9                               | 106.0                                    | 13 400*                            | 67.5                               | 106.6                                    | 14 100*                            |                                    |                                          |                                    | 36.0                                 |
| 38.0                                 | 63.1                               | 104.4                                    | 11 100*                            | 64.2                               | 105.0                                    | 12 700*                            | 65.8                               | 105.7                                    | 13 600*                            |                                    |                                          |                                    | 38.0                                 |
| 40.0                                 | 61.3                               | 103.3                                    | 10 500*                            | 62.5                               | 103.9                                    | 12 100*                            | 64.1                               | 104.7                                    | 12 900*                            | 65.7                               | 105.3                                    | 13 500*                            | 40.0                                 |
| 42.0                                 | 59.5                               | 102.2                                    | 9 900*                             | 60.7                               | 102.8                                    | 11 500*                            | 62.4                               | 103.7                                    | 12 300*                            | 64.0                               | 104.3                                    | 13 000*                            | 42.0                                 |
| 44.0                                 | 57.7                               | 100.9                                    | 9 300*                             | 58.9                               | 101.6                                    | 10 900*                            | 60.6                               | 102.5                                    | 11 700*                            | 62.3                               | 103.3                                    | 12 400*                            | 44.0                                 |
| 46.0                                 | 55.8                               | 99.5                                     | 8 700*                             | 57.0                               | 100.3                                    | 10 300*                            | 58.8                               | 101.3                                    | 11 200*                            | 60.5                               | 102.2                                    | 11 800*                            | 46.0                                 |
| 48.0                                 | 53.9                               | 98.1                                     | 8 200*                             | 55.1                               | 98.9                                     | 9 700*                             | 56.9                               | 100.0                                    | 10 700*                            | 58.7                               | 100.9                                    | 11 300*                            | 48.0                                 |
| 50.0                                 | 51.9                               | 96.5                                     | 7 700*                             | 53.2                               | 97.4                                     | 9 100*                             | 55.0                               | 98.6                                     | 10 200*                            | 56.8                               | 99.6                                     | 10 800*                            | 50.0                                 |
| 52.0                                 | 49.9                               | 94.8                                     | 7 200*                             | 51.2                               | 95.8                                     | 8 600*                             | 53.1                               | 97.1                                     | 9 800*                             | 54.9                               | 98.2                                     | 10 300*                            | 52.0                                 |
| 54.0                                 | 47.8                               | 93.0                                     | 6 700*                             | 49.2                               | 94.1                                     | 8 000*                             | 51.1                               | 95.5                                     | 9 400*                             | 53.0                               | 96.7                                     | 9 900*                             | 54.0                                 |
| 56.0                                 | 45.7                               | 91.1                                     | 6 300*                             | 47.1                               | 92.3                                     | 7 500*                             | 49.1                               | 93.8                                     | 9 000*                             | 51.0                               | 95.1                                     | 9 500*                             | 56.0                                 |
| 58.0                                 | 43.4                               | 89.0                                     | 6 000*                             | 44.9                               | 90.3                                     | 7 100*                             | 46.9                               | 91.9                                     | 8 600*                             | 48.9                               | 93.4                                     | 9 100                              | 58.0                                 |
| 60.0                                 | 41.1                               | 86.7                                     | 5 600*                             | 42.6                               | 88.1                                     | 6 600*                             | 44.8                               | 89.9                                     | 8 300*                             | 46.8                               | 91.5                                     | 8 600                              | 60.0                                 |
| 62.0                                 | 38.6                               | 84.2                                     | 5 300*                             | 40.2                               | 85.8                                     | 6 200*                             | 42.5                               | 87.8                                     | 7 700*                             | 44.6                               | 89.5                                     | 8 100                              | 62.0                                 |
| 64.0                                 | 36.0                               | 81.5                                     | 5 000*                             | 37.7                               | 83.2                                     | 5 800*                             | 40.1                               | 85.4                                     | 7 100*                             | 42.3                               | 87.3                                     | 7 700                              | 64.0                                 |
| 66.0                                 | 33.2                               | 78.5                                     | 4 700*                             | 35.0                               | 80.4                                     | 5 500*                             | 37.6                               | 82.8                                     | 6 600*                             | 39.9                               | 85.0                                     | 7 100*                             | 66.0                                 |
| 68.0                                 | 30.2                               | 75.2                                     | 4 500*                             | 32.1                               | 77.3                                     | 5 200*                             | 34.9                               | 80.0                                     | 6 200*                             | 37.4                               | 82.4                                     | 6 600*                             | 68.0                                 |
| 70.0                                 | 26.8                               | 71.3                                     | 4 300*                             | 29.0                               | 73.8                                     | 5 000*                             | 32.0                               | 76.9                                     | 5 700*                             | 34.7                               | 79.5                                     | 6 100*                             | 70.0                                 |
| 72.0                                 | 23.0                               | 66.9                                     | 4 000*                             | 25.5                               | 69.7                                     | 4 700*                             | 28.8                               | 73.4                                     | 5 300*                             | 31.8                               | 76.4                                     | 5 700*                             | 72.0                                 |
| 74.0                                 | 18.5                               | 61.3                                     | 3 900*                             | 21.5                               | 64.9                                     | 4 500*                             | 25.3                               | 69.3                                     | 4 900*                             | 28.7                               | 72.8                                     | 5 300*                             | 74.0                                 |
| 76.0                                 | 12.2                               | 53.6                                     | 3 500*                             | 16.5                               | 58.8                                     | 4 200*                             | 21.3                               | 64.4                                     | 4 500*                             | 25.1                               | 68.7                                     | 4 900*                             | 76.0                                 |
| 78.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 16.2                               | 58.2                                     | 4 200*                             | 21.0                               | 63.8                                     | 4 500*                             | 78.0                                 |
| 80.0                                 |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 15.9                               | 57.5                                     | 4 200*                             | 80.0                                 |
| 82.0                                 |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 7.6                                | 47.0                                     | 3 500*                             | 82.0                                 |



# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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

## 999 SERIES 3

**36.6m (120 Ft.) Boom, 64.0m (210 Ft.) Luffing Jib, 12.2m (40 Ft.) Fixed Jib**

| Fixed Jib Oper. Rad. Meters | 88 Degree Boom Angle      |                              |                              | 86 Degree Boom Angle      |                              |                              | 83 Degree Boom Angle      |                              |                              | 80 Degree Boom Angle      |                              |                              | Fixed Jib Oper. Rad. Meters |
|-----------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|-----------------------------|
|                             | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms |                             |
| 25.9                        | 73.9                      | 112.7                        | 11 800*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 25.9                        |
| 26.0                        | 73.9                      | 112.7                        | 11 800*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 26.0                        |
| 28.0                        | 72.3                      | 112.0                        | 11 400*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 28.0                        |
| 30.0                        | 70.7                      | 111.3                        | 11 300*                      | 71.7                      | 111.7                        | 13 300*                      |                           |                              |                              |                           |                              |                              | 30.0                        |
| 32.0                        | 69.1                      | 110.5                        | 11 200*                      | 70.2                      | 110.9                        | 13 100*                      |                           |                              |                              |                           |                              |                              | 32.0                        |
| 34.0                        | 67.5                      | 109.7                        | 11 000*                      | 68.6                      | 110.2                        | 13 000*                      |                           |                              |                              |                           |                              |                              | 34.0                        |
| 36.0                        | 65.9                      | 108.8                        | 10 900*                      | 66.9                      | 109.3                        | 12 700*                      | 68.5                      | 109.9                        | 12 900*                      |                           |                              |                              | 36.0                        |
| 38.0                        | 64.2                      | 107.9                        | 10 700*                      | 65.3                      | 108.4                        | 12 100*                      | 66.9                      | 109.0                        | 12 800*                      |                           |                              |                              | 38.0                        |
| 40.0                        | 62.6                      | 106.8                        | 10 100*                      | 63.6                      | 107.4                        | 11 500*                      | 65.2                      | 108.1                        | 12 200*                      |                           |                              |                              | 40.0                        |
| 42.0                        | 60.9                      | 105.7                        | 9 600*                       | 62.0                      | 106.3                        | 10 900*                      | 63.6                      | 107.1                        | 11 600*                      | 65.1                      | 107.7                        | 12 200*                      | 42.0                        |
| 44.0                        | 59.1                      | 104.5                        | 9 000*                       | 60.2                      | 105.2                        | 10 400*                      | 61.9                      | 106.1                        | 11 100*                      | 63.5                      | 106.7                        | 11 800*                      | 44.0                        |
| 46.0                        | 57.4                      | 103.2                        | 8 500*                       | 58.5                      | 104.0                        | 9 900*                       | 60.2                      | 104.9                        | 10 600*                      | 61.8                      | 105.7                        | 11 200*                      | 46.0                        |
| 48.0                        | 55.6                      | 101.8                        | 8 000*                       | 56.7                      | 102.6                        | 9 500*                       | 58.4                      | 103.7                        | 10 100*                      | 60.1                      | 104.5                        | 10 700*                      | 48.0                        |
| 50.0                        | 53.7                      | 100.4                        | 7 600*                       | 54.9                      | 101.2                        | 8 900*                       | 56.6                      | 102.4                        | 9 700*                       | 58.3                      | 103.3                        | 10 200*                      | 50.0                        |
| 52.0                        | 51.8                      | 98.8                         | 7 100*                       | 53.0                      | 99.7                         | 8 400*                       | 54.8                      | 100.9                        | 9 300*                       | 56.5                      | 102.0                        | 9 800*                       | 52.0                        |
| 54.0                        | 49.9                      | 97.1                         | 6 700*                       | 51.1                      | 98.1                         | 8 000*                       | 52.9                      | 99.4                         | 8 900*                       | 54.7                      | 100.5                        | 9 400*                       | 54.0                        |
| 56.0                        | 47.9                      | 95.3                         | 6 300*                       | 49.2                      | 96.4                         | 7 500*                       | 51.0                      | 97.8                         | 8 500*                       | 52.8                      | 99.0                         | 9 000*                       | 56.0                        |
| 58.0                        | 45.8                      | 93.4                         | 6 000*                       | 47.1                      | 94.6                         | 7 100*                       | 49.1                      | 96.1                         | 8 200*                       | 50.9                      | 97.4                         | 8 600*                       | 58.0                        |
| 60.0                        | 43.7                      | 91.3                         | 5 600*                       | 45.0                      | 92.6                         | 6 600*                       | 47.0                      | 94.2                         | 7 800*                       | 48.9                      | 95.7                         | 8 300*                       | 60.0                        |
| 62.0                        | 41.4                      | 89.1                         | 5 300*                       | 42.9                      | 90.4                         | 6 200*                       | 44.9                      | 92.3                         | 7 500*                       | 46.9                      | 93.8                         | 8 000                        | 62.0                        |
| 64.0                        | 39.1                      | 86.6                         | 5 000*                       | 40.6                      | 88.1                         | 5 900*                       | 42.7                      | 90.1                         | 6 900*                       | 44.8                      | 91.8                         | 7 400                        | 64.0                        |
| 66.0                        | 36.6                      | 84.0                         | 4 700*                       | 38.2                      | 85.6                         | 5 500*                       | 40.5                      | 87.8                         | 6 400*                       | 42.6                      | 89.7                         | 6 900*                       | 66.0                        |
| 68.0                        | 34.0                      | 81.1                         | 4 500*                       | 35.7                      | 82.9                         | 5 300*                       | 38.1                      | 85.3                         | 5 900*                       | 40.3                      | 87.3                         | 6 400*                       | 68.0                        |
| 70.0                        | 31.1                      | 77.8                         | 4 200*                       | 33.0                      | 79.8                         | 5 000*                       | 35.5                      | 82.5                         | 5 500*                       | 37.9                      | 84.8                         | 5 900*                       | 70.0                        |
| 72.0                        | 28.0                      | 74.2                         | 4 000*                       | 30.0                      | 76.5                         | 4 700*                       | 32.8                      | 79.5                         | 5 100*                       | 35.4                      | 82.0                         | 5 400*                       | 72.0                        |
| 74.0                        | 24.6                      | 70.0                         | 3 900*                       | 26.8                      | 72.6                         | 4 300*                       | 29.9                      | 76.1                         | 4 700*                       | 32.7                      | 79.0                         | 5 000*                       | 74.0                        |
| 76.0                        | 20.5                      | 64.9                         | 3 700*                       | 23.2                      | 68.2                         | 4 000*                       | 26.7                      | 72.2                         | 4 300*                       | 29.7                      | 75.5                         | 4 700*                       | 76.0                        |
| 78.0                        | 15.5                      | 58.4                         | 3 300*                       | 18.9                      | 62.7                         | 3 700*                       | 23.0                      | 67.7                         | 4 000*                       | 26.5                      | 71.6                         | 4 300*                       | 78.0                        |
| 80.0                        |                           |                              |                              | 13.2                      | 55.3                         | 3 200*                       | 18.6                      | 62.2                         | 3 600*                       | 22.8                      | 67.1                         | 3 900*                       | 80.0                        |
| 82.0                        |                           |                              |                              |                           |                              |                              | 12.8                      | 54.6                         | 3 300*                       | 18.4                      | 61.5                         | 3 600*                       | 82.0                        |
| 84.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 12.4                      | 53.8                         | 3 300*                       | 84.0                        |

# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

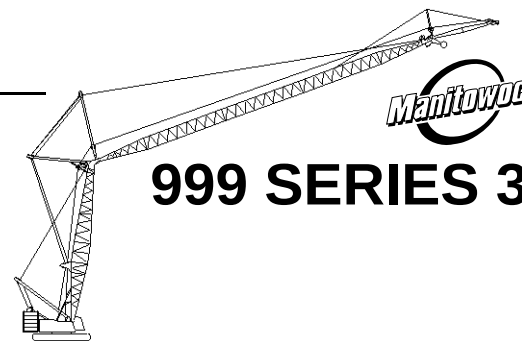
Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 999 SERIES 3

### 36.6m (120 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib, 15.2m (50 Ft.) Fixed Jib

| Fixed Jib<br>Oper.<br>Rad.<br>Meters | 88 Degree<br>Boom Angle            |                                          |                                    | 86 Degree<br>Boom Angle            |                                          |                                    | 83 Degree<br>Boom Angle            |                                          |                                    | 80 Degree<br>Boom Angle            |                                          |                                    | Fixed Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|--------------------------------------|
|                                      | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms |                                      |
| 22.9                                 | 74.9                               | 104.1                                    | 13 200*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 22.9                                 |
| 24.0                                 | 73.9                               | 103.8                                    | 13 200*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 24.0                                 |
| 26.0                                 | 72.1                               | 103.1                                    | 13 100*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 26.0                                 |
| 28.0                                 | 70.3                               | 102.4                                    | 13 000*                            | 71.5                               | 102.8                                    | 15 000*                            |                                    |                                          |                                    |                                    |                                          |                                    | 28.0                                 |
| 30.0                                 | 68.5                               | 101.6                                    | 12 900*                            | 69.7                               | 102.0                                    | 14 800*                            |                                    |                                          |                                    |                                    |                                          |                                    | 30.0                                 |
| 32.0                                 | 66.7                               | 100.7                                    | 12 800*                            | 67.8                               | 101.2                                    | 14 600*                            | 69.6                               | 101.8                                    | 14 800*                            |                                    |                                          |                                    | 32.0                                 |
| 34.0                                 | 64.8                               | 99.8                                     | 12 700*                            | 66.0                               | 100.3                                    | 13 900*                            | 67.7                               | 100.9                                    | 14 600*                            |                                    |                                          |                                    | 34.0                                 |
| 36.0                                 | 62.9                               | 98.7                                     | 12 300*                            | 64.1                               | 99.3                                     | 13 000*                            | 65.9                               | 100.0                                    | 14 100*                            |                                    |                                          |                                    | 36.0                                 |
| 38.0                                 | 60.9                               | 97.6                                     | 11 600*                            | 62.2                               | 98.2                                     | 12 300*                            | 64.0                               | 99.0                                     | 13 200*                            |                                    |                                          |                                    | 38.0                                 |
| 40.0                                 | 59.0                               | 96.4                                     | 10 800*                            | 60.2                               | 97.1                                     | 11 600*                            | 62.1                               | 98.0                                     | 12 500*                            | 63.9                               | 98.7                                     | 13 300*                            | 40.0                                 |
| 42.0                                 | 56.9                               | 95.1                                     | 10 100*                            | 58.2                               | 95.8                                     | 11 000*                            | 60.1                               | 96.8                                     | 11 800*                            | 62.0                               | 97.6                                     | 12 600*                            | 42.0                                 |
| 44.0                                 | 54.9                               | 93.7                                     | 9 400*                             | 56.2                               | 94.5                                     | 10 400*                            | 58.1                               | 95.5                                     | 11 200*                            | 60.0                               | 96.4                                     | 11 900*                            | 44.0                                 |
| 46.0                                 | 52.7                               | 92.1                                     | 8 800*                             | 54.1                               | 93.0                                     | 9 900*                             | 56.1                               | 94.2                                     | 10 600*                            | 58.0                               | 95.2                                     | 11 300*                            | 46.0                                 |
| 48.0                                 | 50.6                               | 90.5                                     | 8 200*                             | 52.0                               | 91.4                                     | 9 400*                             | 54.0                               | 92.7                                     | 10 100*                            | 56.0                               | 93.8                                     | 10 800*                            | 48.0                                 |
| 50.0                                 | 48.3                               | 88.7                                     | 7 600*                             | 49.7                               | 89.7                                     | 8 900*                             | 51.9                               | 91.1                                     | 9 600*                             | 53.9                               | 92.3                                     | 10 200*                            | 50.0                                 |
| 52.0                                 | 45.9                               | 86.7                                     | 7 100*                             | 47.4                               | 87.9                                     | 8 500*                             | 49.6                               | 89.4                                     | 9 200*                             | 51.7                               | 90.7                                     | 9 700*                             | 52.0                                 |
| 54.0                                 | 43.5                               | 84.6                                     | 6 600*                             | 45.1                               | 85.9                                     | 8 000*                             | 47.3                               | 87.6                                     | 8 700*                             | 49.5                               | 89.0                                     | 9 300*                             | 54.0                                 |
| 56.0                                 | 40.9                               | 82.3                                     | 6 200*                             | 42.6                               | 83.7                                     | 7 400*                             | 44.9                               | 85.6                                     | 8 300*                             | 47.2                               | 87.2                                     | 8 900*                             | 56.0                                 |
| 58.0                                 | 38.2                               | 79.8                                     | 5 800*                             | 39.9                               | 81.3                                     | 6 900*                             | 42.4                               | 83.4                                     | 8 000*                             | 44.8                               | 85.1                                     | 8 500*                             | 58.0                                 |
| 60.0                                 | 35.3                               | 77.0                                     | 5 400*                             | 37.1                               | 78.7                                     | 6 400*                             | 39.8                               | 81.0                                     | 7 700*                             | 42.3                               | 82.9                                     | 8 100*                             | 60.0                                 |
| 62.0                                 | 32.1                               | 73.8                                     | 5 100*                             | 34.2                               | 75.8                                     | 6 000*                             | 37.0                               | 78.4                                     | 7 300*                             | 39.7                               | 80.5                                     | 7 800*                             | 62.0                                 |
| 64.0                                 | 28.7                               | 70.3                                     | 4 800*                             | 30.9                               | 72.5                                     | 5 600*                             | 34.0                               | 75.4                                     | 7 100*                             | 36.8                               | 77.9                                     | 7 500*                             | 64.0                                 |
| 66.0                                 | 24.7                               | 66.1                                     | 4 500*                             | 27.3                               | 68.7                                     | 5 300*                             | 30.7                               | 72.1                                     | 6 800*                             | 33.8                               | 74.9                                     | 7 200*                             | 66.0                                 |
| 68.0                                 | 20.0                               | 60.9                                     | 4 300*                             | 23.1                               | 64.2                                     | 5 000*                             | 27.1                               | 68.3                                     | 6 300*                             | 30.5                               | 71.6                                     | 6 900*                             | 68.0                                 |
| 70.0                                 | 13.8                               | 53.7                                     | 4 100*                             | 18.0                               | 58.5                                     | 4 700*                             | 22.9                               | 63.8                                     | 5 900*                             | 26.9                               | 67.8                                     | 6 700*                             | 70.0                                 |
| 72.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 17.7                               | 58.0                                     | 5 600*                             | 22.7                               | 63.2                                     | 6 400*                             | 72.0                                 |
| 74.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 10.0                               | 49.1                                     | 5 000*                             | 17.4                               | 57.3                                     | 6 100*                             | 74.0                                 |
| 76.0                                 |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 9.4                                | 48.0                                     | 5 500*                             | 76.0                                 |



# Liftcrane Fixed Jib Capacities

**999 SERIES 3**

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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

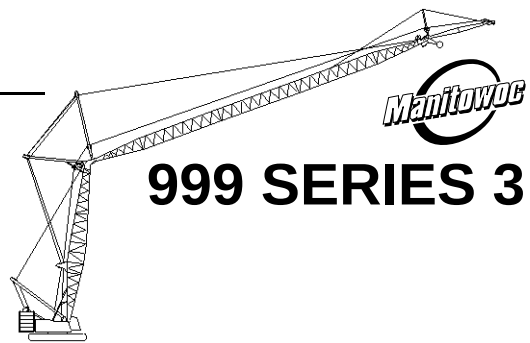
**36.6m (120 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib, 15.2m (50 Ft.) Fixed Jib**

| Fixed Jib Oper. Rad. Meters | 88 Degree Boom Angle      |                              |                              | 86 Degree Boom Angle      |                              |                              | 83 Degree Boom Angle      |                              |                              | 80 Degree Boom Angle      |                              |                              | Fixed Jib Oper. Rad. Meters |
|-----------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|-----------------------------|
|                             | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms |                             |
| 24.4                        | 74.3                      | 106.9                        | 12 400*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 24.4                        |
| 26.0                        | 72.9                      | 106.3                        | 12 400*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 26.0                        |
| 28.0                        | 71.2                      | 105.6                        | 12 300*                      | 72.3                      | 106.0                        | 14 300*                      |                           |                              |                              |                           |                              |                              | 28.0                        |
| 30.0                        | 69.5                      | 104.9                        | 12 200*                      | 70.6                      | 105.3                        | 14 200*                      |                           |                              |                              |                           |                              |                              | 30.0                        |
| 32.0                        | 67.7                      | 104.1                        | 12 100*                      | 68.8                      | 104.5                        | 14 100*                      |                           |                              |                              |                           |                              |                              | 32.0                        |
| 34.0                        | 65.9                      | 103.1                        | 12 000*                      | 67.1                      | 103.6                        | 13 300*                      | 68.8                      | 104.2                        | 13 900*                      |                           |                              |                              | 34.0                        |
| 36.0                        | 64.1                      | 102.2                        | 11 800*                      | 65.3                      | 102.7                        | 12 500*                      | 67.0                      | 103.4                        | 13 500*                      |                           |                              |                              | 36.0                        |
| 38.0                        | 62.3                      | 101.1                        | 11 200*                      | 63.5                      | 101.7                        | 11 800*                      | 65.2                      | 102.4                        | 12 600*                      |                           |                              |                              | 38.0                        |
| 40.0                        | 60.5                      | 100.0                        | 10 600*                      | 61.6                      | 100.6                        | 11 100*                      | 63.4                      | 101.4                        | 11 900*                      | 65.1                      | 102.1                        | 12 700*                      | 40.0                        |
| 42.0                        | 58.6                      | 98.7                         | 9 900*                       | 59.8                      | 99.4                         | 10 500*                      | 61.6                      | 100.3                        | 11 300*                      | 63.3                      | 101.0                        | 12 000*                      | 42.0                        |
| 44.0                        | 56.6                      | 97.4                         | 9 300*                       | 57.9                      | 98.2                         | 10 000*                      | 59.7                      | 99.1                         | 10 700*                      | 61.4                      | 99.9                         | 11 400*                      | 44.0                        |
| 46.0                        | 54.6                      | 96.0                         | 8 700*                       | 55.9                      | 96.8                         | 9 500*                       | 57.8                      | 97.9                         | 10 200*                      | 59.6                      | 98.8                         | 10 800*                      | 46.0                        |
| 48.0                        | 52.6                      | 94.4                         | 8 100*                       | 53.9                      | 95.3                         | 9 000*                       | 55.8                      | 96.5                         | 9 700*                       | 57.7                      | 97.5                         | 10 300*                      | 48.0                        |
| 50.0                        | 50.5                      | 92.8                         | 7 600*                       | 51.8                      | 93.7                         | 8 600*                       | 53.8                      | 95.0                         | 9 200*                       | 55.7                      | 96.1                         | 9 800*                       | 50.0                        |
| 52.0                        | 48.3                      | 91.0                         | 7 100*                       | 49.7                      | 92.0                         | 8 200*                       | 51.7                      | 93.4                         | 8 800*                       | 53.7                      | 94.6                         | 9 300*                       | 52.0                        |
| 54.0                        | 46.1                      | 89.0                         | 6 600*                       | 47.5                      | 90.2                         | 7 900*                       | 49.6                      | 91.7                         | 8 400*                       | 51.6                      | 93.0                         | 8 900*                       | 54.0                        |
| 56.0                        | 43.7                      | 87.0                         | 6 200*                       | 45.2                      | 88.2                         | 7 500*                       | 47.4                      | 89.9                         | 8 000*                       | 49.5                      | 91.3                         | 8 500*                       | 56.0                        |
| 58.0                        | 41.3                      | 84.7                         | 5 800*                       | 42.9                      | 86.1                         | 7 000*                       | 45.1                      | 87.9                         | 7 700*                       | 47.3                      | 89.5                         | 8 100*                       | 58.0                        |
| 60.0                        | 38.7                      | 82.2                         | 5 400*                       | 40.4                      | 83.7                         | 6 500*                       | 42.7                      | 85.7                         | 7 300*                       | 45.0                      | 87.5                         | 7 800*                       | 60.0                        |
| 62.0                        | 36.0                      | 79.5                         | 5 100*                       | 37.7                      | 81.1                         | 6 100*                       | 40.2                      | 83.4                         | 7 100*                       | 42.6                      | 85.3                         | 7 500*                       | 62.0                        |
| 64.0                        | 33.0                      | 76.4                         | 4 800*                       | 34.9                      | 78.3                         | 5 700*                       | 37.6                      | 80.8                         | 6 800*                       | 40.1                      | 82.9                         | 7 200*                       | 64.0                        |
| 66.0                        | 29.8                      | 73.0                         | 4 500*                       | 31.9                      | 75.1                         | 5 400*                       | 34.8                      | 77.9                         | 6 500*                       | 37.4                      | 80.3                         | 6 900*                       | 66.0                        |
| 68.0                        | 26.2                      | 69.0                         | 4 300*                       | 28.6                      | 71.5                         | 5 100*                       | 31.7                      | 74.7                         | 6 300*                       | 34.6                      | 77.4                         | 6 600*                       | 68.0                        |
| 70.0                        | 22.1                      | 64.3                         | 4 100*                       | 24.8                      | 67.3                         | 4 800*                       | 28.4                      | 71.1                         | 6 000*                       | 31.6                      | 74.2                         | 6 400*                       | 70.0                        |
| 72.0                        | 17.0                      | 58.3                         | 3 900*                       | 20.4                      | 62.2                         | 4 500*                       | 24.6                      | 66.9                         | 5 700*                       | 28.2                      | 70.6                         | 6 200*                       | 72.0                        |
| 74.0                        |                           |                              |                              | 14.6                      | 55.4                         | 4 300*                       | 20.1                      | 61.7                         | 5 400*                       | 24.4                      | 66.3                         | 5 900*                       | 74.0                        |
| 76.0                        |                           |                              |                              |                           |                              |                              | 14.3                      | 54.8                         | 5 100*                       | 19.9                      | 61.1                         | 5 400*                       | 76.0                        |
| 78.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 13.9                      | 54.0                         | 5 000*                       | 78.0                        |

# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

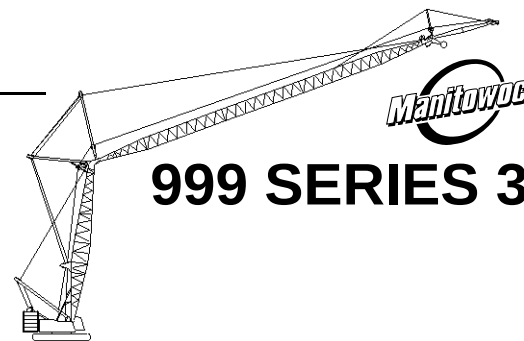
Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 999 SERIES 3

**36.6m (120 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib, 15.2m (50 Ft.) Fixed Jib**

| Fixed Jib<br>Oper.<br>Rad.<br>Meters | 88 Degree<br>Boom Angle            |                                          |                                    | 86 Degree<br>Boom Angle            |                                          |                                    | 83 Degree<br>Boom Angle            |                                          |                                    | 80 Degree<br>Boom Angle            |                                          |                                    | Fixed Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|--------------------------------------|
|                                      | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms |                                      |
| 24.4                                 | 74.9                               | 110.0                                    | 11 700*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 24.4                                 |
| 26.0                                 | 73.6                               | 109.5                                    | 11 600*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 26.0                                 |
| 28.0                                 | 72.0                               | 108.9                                    | 11 500*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 28.0                                 |
| 30.0                                 | 70.4                               | 108.2                                    | 11 500*                            | 71.4                               | 108.5                                    | 13 300*                            |                                    |                                          |                                    |                                    |                                          |                                    | 30.0                                 |
| 32.0                                 | 68.7                               | 107.4                                    | 11 400*                            | 69.8                               | 107.8                                    | 13 200*                            |                                    |                                          |                                    |                                    |                                          |                                    | 32.0                                 |
| 34.0                                 | 67.0                               | 106.5                                    | 11 300*                            | 68.1                               | 107.0                                    | 13 200*                            |                                    |                                          |                                    |                                    |                                          |                                    | 34.0                                 |
| 36.0                                 | 65.3                               | 105.6                                    | 11 200*                            | 66.4                               | 106.1                                    | 12 900*                            | 68.0                               | 106.7                                    | 13 100*                            |                                    |                                          |                                    | 36.0                                 |
| 38.0                                 | 63.6                               | 104.6                                    | 10 900*                            | 64.7                               | 105.1                                    | 12 200*                            | 66.3                               | 105.8                                    | 13 000*                            |                                    |                                          |                                    | 38.0                                 |
| 40.0                                 | 61.8                               | 103.5                                    | 10 300*                            | 62.9                               | 104.1                                    | 11 500*                            | 64.6                               | 104.9                                    | 12 300*                            | 66.2                               | 105.4                                    | 12 600*                            | 40.0                                 |
| 42.0                                 | 60.0                               | 102.3                                    | 9 700*                             | 61.2                               | 103.0                                    | 10 900*                            | 62.8                               | 103.8                                    | 11 700*                            | 64.5                               | 104.5                                    | 12 400*                            | 42.0                                 |
| 44.0                                 | 58.2                               | 101.1                                    | 9 100*                             | 59.3                               | 101.8                                    | 10 400*                            | 61.1                               | 102.7                                    | 11 100*                            | 62.7                               | 103.4                                    | 11 800*                            | 44.0                                 |
| 46.0                                 | 56.3                               | 99.7                                     | 8 600*                             | 57.5                               | 100.5                                    | 9 900*                             | 59.3                               | 101.5                                    | 10 600*                            | 61.0                               | 102.3                                    | 11 200*                            | 46.0                                 |
| 48.0                                 | 54.4                               | 98.3                                     | 8 000*                             | 55.6                               | 99.1                                     | 9 400*                             | 57.4                               | 100.2                                    | 10 100*                            | 59.2                               | 101.1                                    | 10 700*                            | 48.0                                 |
| 50.0                                 | 52.4                               | 96.7                                     | 7 500*                             | 53.7                               | 97.6                                     | 9 000*                             | 55.5                               | 98.8                                     | 9 600*                             | 57.3                               | 99.8                                     | 10 200*                            | 50.0                                 |
| 52.0                                 | 50.4                               | 95.1                                     | 7 100*                             | 51.7                               | 96.0                                     | 8 500*                             | 53.6                               | 97.3                                     | 9 200*                             | 55.4                               | 98.4                                     | 9 800*                             | 52.0                                 |
| 54.0                                 | 48.3                               | 93.3                                     | 6 600*                             | 49.7                               | 94.3                                     | 8 000*                             | 51.6                               | 95.7                                     | 8 800*                             | 53.5                               | 96.9                                     | 9 300*                             | 54.0                                 |
| 56.0                                 | 46.2                               | 91.4                                     | 6 200*                             | 47.6                               | 92.5                                     | 7 500*                             | 49.6                               | 94.0                                     | 8 400*                             | 51.5                               | 95.3                                     | 8 900*                             | 56.0                                 |
| 58.0                                 | 44.0                               | 89.3                                     | 5 800*                             | 45.4                               | 90.5                                     | 7 100*                             | 47.5                               | 92.2                                     | 8 100*                             | 49.5                               | 93.6                                     | 8 600*                             | 58.0                                 |
| 60.0                                 | 41.6                               | 87.0                                     | 5 500*                             | 43.1                               | 88.4                                     | 6 600*                             | 45.3                               | 90.2                                     | 7 800*                             | 47.4                               | 91.8                                     | 8 200*                             | 60.0                                 |
| 62.0                                 | 39.2                               | 84.6                                     | 5 100*                             | 40.8                               | 86.1                                     | 6 200*                             | 43.0                               | 88.1                                     | 7 500*                             | 45.2                               | 89.8                                     | 7 900*                             | 62.0                                 |
| 64.0                                 | 36.6                               | 81.9                                     | 4 800*                             | 38.3                               | 83.6                                     | 5 800*                             | 40.6                               | 85.7                                     | 7 200*                             | 42.9                               | 87.6                                     | 7 600*                             | 64.0                                 |
| 66.0                                 | 33.8                               | 79.0                                     | 4 600*                             | 35.6                               | 80.8                                     | 5 400*                             | 38.1                               | 83.2                                     | 6 900*                             | 40.5                               | 85.3                                     | 7 300*                             | 66.0                                 |
| 68.0                                 | 30.8                               | 75.7                                     | 4 300*                             | 32.8                               | 77.7                                     | 5 100*                             | 35.5                               | 80.4                                     | 6 600*                             | 38.0                               | 82.7                                     | 7 000*                             | 68.0                                 |
| 70.0                                 | 27.5                               | 71.9                                     | 4 100*                             | 29.7                               | 74.3                                     | 4 800*                             | 32.6                               | 77.3                                     | 6 100*                             | 35.3                               | 79.9                                     | 6 600*                             | 70.0                                 |
| 72.0                                 | 23.8                               | 67.5                                     | 3 900*                             | 26.2                               | 70.3                                     | 4 600*                             | 29.5                               | 73.9                                     | 5 700*                             | 32.5                               | 76.8                                     | 6 100*                             | 72.0                                 |
| 74.0                                 | 19.4                               | 62.2                                     | 3 700*                             | 22.3                               | 65.6                                     | 4 300*                             | 26.1                               | 69.9                                     | 5 300*                             | 29.3                               | 73.3                                     | 5 700*                             | 74.0                                 |
| 76.0                                 | 13.5                               | 54.8                                     | 3 700*                             | 17.5                               | 59.7                                     | 4 100*                             | 22.1                               | 65.1                                     | 4 900*                             | 25.9                               | 69.3                                     | 5 300*                             | 76.0                                 |
| 78.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 17.2                               | 59.2                                     | 4 600*                             | 21.8                               | 64.5                                     | 4 900*                             | 78.0                                 |
| 80.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 10.0                               | 50.1                                     | 3 900*                             | 16.9                               | 58.5                                     | 4 500*                             | 80.0                                 |
| 82.0                                 |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 9.5                                | 49.1                                     | 4 100*                             | 82.0                                 |



# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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

## 999 SERIES 3

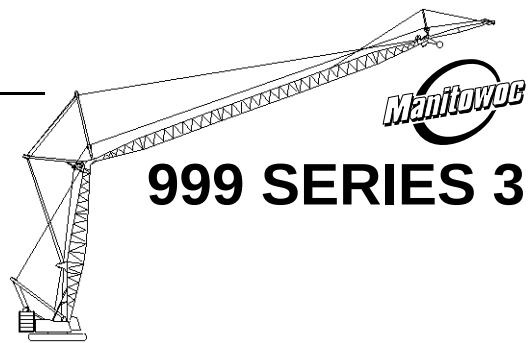
**36.6m (120 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib, 15.2m (50 Ft.) Fixed Jib**

| Fixed Jib Oper. Rad. Meters | 88 Degree Boom Angle      |                              |                              | 86 Degree Boom Angle      |                              |                              | 83 Degree Boom Angle      |                              |                              | 80 Degree Boom Angle      |                              |                              | Fixed Jib Oper. Rad. Meters |
|-----------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|-----------------------------|
|                             | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms |                             |
| 25.9                        | 74.4                      | 112.8                        | 10 900*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 25.9                        |
| 26.0                        | 74.3                      | 112.7                        | 10 900*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 26.0                        |
| 28.0                        | 72.7                      | 112.1                        | 10 800*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 28.0                        |
| 30.0                        | 71.2                      | 111.4                        | 10 700*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 30.0                        |
| 32.0                        | 69.6                      | 110.6                        | 10 600*                      | 70.6                      | 111.0                        | 12 400*                      |                           |                              |                              |                           |                              |                              | 32.0                        |
| 34.0                        | 68.0                      | 109.8                        | 10 500*                      | 69.0                      | 110.3                        | 12 300*                      |                           |                              |                              |                           |                              |                              | 34.0                        |
| 36.0                        | 66.3                      | 108.9                        | 10 400*                      | 67.4                      | 109.4                        | 12 200*                      | 68.9                      | 110.0                        | 12 200*                      |                           |                              |                              | 36.0                        |
| 38.0                        | 64.7                      | 108.0                        | 10 300*                      | 65.7                      | 108.5                        | 11 700*                      | 67.3                      | 109.2                        | 12 200*                      |                           |                              |                              | 38.0                        |
| 40.0                        | 63.0                      | 107.0                        | 10 000*                      | 64.1                      | 107.5                        | 11 100*                      | 65.7                      | 108.2                        | 11 900*                      |                           |                              |                              | 40.0                        |
| 42.0                        | 61.3                      | 105.8                        | 9 400*                       | 62.4                      | 106.5                        | 10 600*                      | 64.0                      | 107.3                        | 11 300*                      | 65.6                      | 107.9                        | 11 800*                      | 42.0                        |
| 44.0                        | 59.6                      | 104.7                        | 8 900*                       | 60.7                      | 105.3                        | 10 000*                      | 62.3                      | 106.2                        | 10 700*                      | 63.9                      | 106.9                        | 11 400*                      | 44.0                        |
| 46.0                        | 57.8                      | 103.4                        | 8 400*                       | 59.0                      | 104.1                        | 9 500*                       | 60.6                      | 105.1                        | 10 200*                      | 62.2                      | 105.8                        | 10 900*                      | 46.0                        |
| 48.0                        | 56.0                      | 102.0                        | 7 900*                       | 57.2                      | 102.8                        | 9 100*                       | 58.9                      | 103.8                        | 9 700*                       | 60.5                      | 104.7                        | 10 300*                      | 48.0                        |
| 50.0                        | 54.2                      | 100.6                        | 7 500*                       | 55.4                      | 101.4                        | 8 700*                       | 57.1                      | 102.5                        | 9 300*                       | 58.8                      | 103.5                        | 9 800*                       | 50.0                        |
| 52.0                        | 52.3                      | 99.0                         | 7 000*                       | 53.5                      | 99.9                         | 8 300*                       | 55.3                      | 101.1                        | 8 900*                       | 57.0                      | 102.1                        | 9 400*                       | 52.0                        |
| 54.0                        | 50.4                      | 97.4                         | 6 600*                       | 51.6                      | 98.3                         | 7 900*                       | 53.4                      | 99.6                         | 8 500*                       | 55.2                      | 100.7                        | 9 000*                       | 54.0                        |
| 56.0                        | 48.4                      | 95.6                         | 6 200*                       | 49.7                      | 96.6                         | 7 500*                       | 51.5                      | 98.0                         | 8 100*                       | 53.3                      | 99.2                         | 8 600*                       | 56.0                        |
| 58.0                        | 46.3                      | 93.7                         | 5 800*                       | 47.6                      | 94.8                         | 7 000*                       | 49.6                      | 96.3                         | 7 800*                       | 51.4                      | 97.6                         | 8 200*                       | 58.0                        |
| 60.0                        | 44.2                      | 91.6                         | 5 500*                       | 45.5                      | 92.8                         | 6 600*                       | 47.5                      | 94.5                         | 7 500*                       | 49.4                      | 95.9                         | 7 900*                       | 60.0                        |
| 62.0                        | 42.0                      | 89.4                         | 5 100*                       | 43.4                      | 90.7                         | 6 200*                       | 45.4                      | 92.5                         | 7 200*                       | 47.4                      | 94.1                         | 7 600*                       | 62.0                        |
| 64.0                        | 39.6                      | 87.0                         | 4 800*                       | 41.1                      | 88.4                         | 5 800*                       | 43.3                      | 90.4                         | 6 900*                       | 45.3                      | 92.1                         | 7 300*                       | 64.0                        |
| 66.0                        | 37.2                      | 84.3                         | 4 600*                       | 38.7                      | 86.0                         | 5 500*                       | 41.0                      | 88.1                         | 6 600*                       | 43.1                      | 90.0                         | 7 000*                       | 66.0                        |
| 68.0                        | 34.6                      | 81.5                         | 4 300*                       | 36.2                      | 83.2                         | 5 200*                       | 38.6                      | 85.6                         | 6 300*                       | 40.9                      | 87.7                         | 6 700*                       | 68.0                        |
| 70.0                        | 31.8                      | 78.3                         | 4 100*                       | 33.6                      | 80.3                         | 4 900*                       | 36.1                      | 82.9                         | 5 900*                       | 38.5                      | 85.1                         | 6 300*                       | 70.0                        |
| 72.0                        | 28.7                      | 74.7                         | 3 900*                       | 30.7                      | 76.9                         | 4 600*                       | 33.4                      | 79.9                         | 5 500*                       | 36.0                      | 82.4                         | 5 900*                       | 72.0                        |
| 74.0                        | 25.3                      | 70.6                         | 3 700*                       | 27.5                      | 73.2                         | 4 400*                       | 30.5                      | 76.5                         | 5 100*                       | 33.3                      | 79.4                         | 5 400*                       | 74.0                        |
| 76.0                        | 21.3                      | 65.7                         | 3 600*                       | 23.9                      | 68.8                         | 4 100*                       | 27.3                      | 72.8                         | 4 700*                       | 30.4                      | 76.0                         | 5 100*                       | 76.0                        |
| 78.0                        | 16.5                      | 59.4                         | 3 400*                       | 19.7                      | 63.5                         | 4 000*                       | 23.7                      | 68.4                         | 4 300*                       | 27.2                      | 72.2                         | 4 700*                       | 78.0                        |
| 80.0                        |                           |                              |                              | 14.3                      | 56.5                         | 3 600*                       | 19.5                      | 63.0                         | 4 000*                       | 23.5                      | 67.8                         | 4 300*                       | 80.0                        |
| 82.0                        |                           |                              |                              |                           |                              |                              | 14.0                      | 55.9                         | 3 700*                       | 19.2                      | 62.4                         | 4 000*                       | 82.0                        |
| 84.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 13.6                      | 55.1                         | 3 600*                       | 84.0                        |

# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

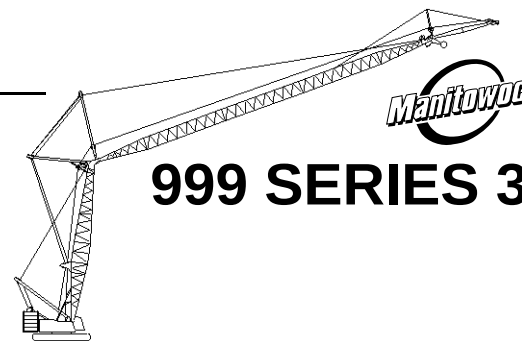
Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 999 SERIES 3

**36.6m (120 Ft.) Boom, 64.0m (210 Ft.) Luffing Jib, 15.2m (50 Ft.) Fixed Jib**

| Fixed Jib<br>Oper.<br>Rad.<br>Meters | 88 Degree<br>Boom Angle            |                                          |                                    | 86 Degree<br>Boom Angle            |                                          |                                    | 83 Degree<br>Boom Angle            |                                          |                                    | 80 Degree<br>Boom Angle            |                                          |                                    | Fixed Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|--------------------------------------|
|                                      | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms |                                      |
| 27.4                                 | 73.9                               | 115.5                                    | 10 200*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 27.4                                 |
| 28.0                                 | 73.4                               | 115.3                                    | 10 200*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 28.0                                 |
| 30.0                                 | 71.9                               | 114.6                                    | 10 000*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 30.0                                 |
| 32.0                                 | 70.4                               | 113.9                                    | 9 900*                             | 71.4                               | 114.3                                    | 11 500*                            |                                    |                                          |                                    |                                    |                                          |                                    | 32.0                                 |
| 34.0                                 | 68.9                               | 113.1                                    | 9 800*                             | 69.8                               | 113.5                                    | 11 400*                            |                                    |                                          |                                    |                                    |                                          |                                    | 34.0                                 |
| 36.0                                 | 67.3                               | 112.3                                    | 9 700*                             | 68.3                               | 112.7                                    | 11 300*                            |                                    |                                          |                                    |                                    |                                          |                                    | 36.0                                 |
| 38.0                                 | 65.7                               | 111.4                                    | 9 600*                             | 66.7                               | 111.9                                    | 11 200*                            | 68.2                               | 112.5                                    | 11 200*                            |                                    |                                          |                                    | 38.0                                 |
| 40.0                                 | 64.1                               | 110.4                                    | 9 500*                             | 65.2                               | 110.9                                    | 10 600*                            | 66.7                               | 111.6                                    | 11 200*                            |                                    |                                          |                                    | 40.0                                 |
| 42.0                                 | 62.5                               | 109.3                                    | 9 100*                             | 63.6                               | 109.9                                    | 10 100*                            | 65.1                               | 110.7                                    | 10 800*                            |                                    |                                          |                                    | 42.0                                 |
| 44.0                                 | 60.9                               | 108.2                                    | 8 600*                             | 61.9                               | 108.8                                    | 9 600*                             | 63.5                               | 109.7                                    | 10 200*                            | 65.0                               | 110.3                                    | 10 800*                            | 44.0                                 |
| 46.0                                 | 59.2                               | 107.0                                    | 8 200*                             | 60.3                               | 107.7                                    | 9 100*                             | 61.8                               | 108.6                                    | 9 700*                             | 63.4                               | 109.3                                    | 10 300*                            | 46.0                                 |
| 48.0                                 | 57.5                               | 105.7                                    | 7 700*                             | 58.6                               | 106.5                                    | 8 700*                             | 60.2                               | 107.4                                    | 9 300*                             | 61.8                               | 108.2                                    | 9 800*                             | 48.0                                 |
| 50.0                                 | 55.8                               | 104.4                                    | 7 300*                             | 56.9                               | 105.1                                    | 8 300*                             | 58.5                               | 106.2                                    | 8 800*                             | 60.1                               | 107.0                                    | 9 400*                             | 50.0                                 |
| 52.0                                 | 54.0                               | 102.9                                    | 6 900*                             | 55.1                               | 103.7                                    | 7 900*                             | 56.8                               | 104.9                                    | 8 400*                             | 58.4                               | 105.8                                    | 8 900*                             | 52.0                                 |
| 54.0                                 | 52.2                               | 101.3                                    | 6 500*                             | 53.3                               | 102.2                                    | 7 600*                             | 55.0                               | 103.5                                    | 8 000*                             | 56.7                               | 104.5                                    | 8 500*                             | 54.0                                 |
| 56.0                                 | 50.3                               | 99.7                                     | 6 100*                             | 51.5                               | 100.6                                    | 7 300*                             | 53.3                               | 102.0                                    | 7 700*                             | 54.9                               | 103.1                                    | 8 200*                             | 56.0                                 |
| 58.0                                 | 48.4                               | 97.9                                     | 5 800*                             | 49.6                               | 98.9                                     | 7 000*                             | 51.4                               | 100.3                                    | 7 400*                             | 53.2                               | 101.5                                    | 7 800*                             | 58.0                                 |
| 60.0                                 | 46.4                               | 96.0                                     | 5 400*                             | 47.7                               | 97.1                                     | 6 600*                             | 49.5                               | 98.6                                     | 7 100*                             | 51.3                               | 99.9                                     | 7 500*                             | 60.0                                 |
| 62.0                                 | 44.4                               | 93.9                                     | 5 100*                             | 45.7                               | 95.2                                     | 6 200*                             | 47.6                               | 96.8                                     | 6 800*                             | 49.4                               | 98.2                                     | 7 200*                             | 62.0                                 |
| 64.0                                 | 42.2                               | 91.7                                     | 4 800*                             | 43.6                               | 93.1                                     | 5 800*                             | 45.6                               | 94.8                                     | 6 600*                             | 47.5                               | 96.4                                     | 6 900*                             | 64.0                                 |
| 66.0                                 | 40.0                               | 89.4                                     | 4 600*                             | 41.4                               | 90.8                                     | 5 500*                             | 43.5                               | 92.7                                     | 6 300*                             | 45.5                               | 94.4                                     | 6 600*                             | 66.0                                 |
| 68.0                                 | 37.7                               | 86.8                                     | 4 300*                             | 39.2                               | 88.3                                     | 5 200*                             | 41.3                               | 90.5                                     | 6 100*                             | 43.4                               | 92.3                                     | 6 400*                             | 68.0                                 |
| 70.0                                 | 35.2                               | 84.0                                     | 4 100*                             | 36.8                               | 85.7                                     | 4 900*                             | 39.1                               | 88.0                                     | 5 700*                             | 41.2                               | 90.0                                     | 6 100*                             | 70.0                                 |
| 72.0                                 | 32.6                               | 80.9                                     | 3 900*                             | 34.3                               | 82.8                                     | 4 600*                             | 36.7                               | 85.3                                     | 5 300*                             | 38.9                               | 87.5                                     | 5 700*                             | 72.0                                 |
| 74.0                                 | 29.7                               | 77.4                                     | 3 700*                             | 31.6                               | 79.6                                     | 4 400*                             | 34.1                               | 82.4                                     | 4 900*                             | 36.5                               | 84.9                                     | 5 200*                             | 74.0                                 |
| 76.0                                 | 26.6                               | 73.5                                     | 3 500*                             | 28.6                               | 76.0                                     | 4 100*                             | 31.4                               | 79.2                                     | 4 500*                             | 34.0                               | 81.9                                     | 4 800*                             | 76.0                                 |
| 78.0                                 | 23.0                               | 68.9                                     | 3 400*                             | 25.3                               | 71.8                                     | 3 800*                             | 28.5                               | 75.6                                     | 4 100*                             | 31.3                               | 78.7                                     | 4 400*                             | 78.0                                 |
| 80.0                                 | 18.8                               | 63.4                                     | 3 200*                             | 21.6                               | 67.0                                     | 3 500*                             | 25.2                               | 71.4                                     | 3 800*                             | 28.3                               | 75.0                                     | 4 100*                             | 80.0                                 |
| 82.0                                 | 13.3                               | 55.9                                     | 2 700*                             | 17.0                               | 60.9                                     | 3 200*                             | 21.4                               | 66.5                                     | 3 500*                             | 25.0                               | 70.8                                     | 3 800*                             | 82.0                                 |
| 84.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 16.7                               | 60.4                                     | 3 100*                             | 21.1                               | 65.9                                     | 3 400*                             | 84.0                                 |
| 86.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 10.0                               | 51.2                                     | 2 600*                             | 16.5                               | 59.6                                     | 3 100*                             | 86.0                                 |
| 88.0                                 |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 9.5                                | 50.2                                     | 2 700*                             | 88.0                                 |



# Liftcrane Fixed Jib Capacities

**Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating**

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

## 999 SERIES 3

**36.6m (120 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib, 18.3m (60 Ft.) Fixed Jib**

| Fixed Jib Oper. Rad. Meters | 88 Degree Boom Angle      |                              |                              | 86 Degree Boom Angle      |                              |                              | 83 Degree Boom Angle      |                              |                              | 80 Degree Boom Angle      |                              |                              | Fixed Jib Oper. Rad. Meters |
|-----------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|-----------------------------|
|                             | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms |                             |
| 24.4                        | 74.4                      | 106.9                        | 10 500*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 24.4                        |
| 26.0                        | 73.0                      | 106.3                        | 10 400*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 26.0                        |
| 28.0                        | 71.3                      | 105.7                        | 10 200*                      | 72.4                      | 106.0                        | 11 800*                      |                           |                              |                              |                           |                              |                              | 28.0                        |
| 30.0                        | 69.5                      | 104.9                        | 10 100*                      | 70.6                      | 105.3                        | 11 700*                      |                           |                              |                              |                           |                              |                              | 30.0                        |
| 32.0                        | 67.8                      | 104.1                        | 9 900*                       | 68.9                      | 104.5                        | 11 500*                      |                           |                              |                              |                           |                              |                              | 32.0                        |
| 34.0                        | 66.0                      | 103.2                        | 9 800*                       | 67.2                      | 103.7                        | 11 300*                      | 68.8                      | 104.2                        | 11 400*                      |                           |                              |                              | 34.0                        |
| 36.0                        | 64.2                      | 102.2                        | 9 600*                       | 65.4                      | 102.7                        | 11 200*                      | 67.1                      | 103.4                        | 11 200*                      |                           |                              |                              | 36.0                        |
| 38.0                        | 62.4                      | 101.1                        | 9 500*                       | 63.6                      | 101.7                        | 11 000*                      | 65.3                      | 102.5                        | 11 100*                      |                           |                              |                              | 38.0                        |
| 40.0                        | 60.5                      | 100.0                        | 9 300*                       | 61.7                      | 100.6                        | 10 600*                      | 63.5                      | 101.4                        | 10 900*                      | 65.2                      | 102.1                        | 10 900*                      | 40.0                        |
| 42.0                        | 58.6                      | 98.7                         | 9 200*                       | 59.8                      | 99.4                         | 10 000*                      | 61.6                      | 100.3                        | 10 700*                      | 63.4                      | 101.1                        | 10 700*                      | 42.0                        |
| 44.0                        | 56.7                      | 97.4                         | 9 000*                       | 57.9                      | 98.2                         | 9 500*                       | 59.8                      | 99.2                         | 10 200*                      | 61.5                      | 100.0                        | 10 600*                      | 44.0                        |
| 46.0                        | 54.7                      | 96.0                         | 8 500*                       | 56.0                      | 96.8                         | 9 000*                       | 57.8                      | 97.9                         | 9 600*                       | 59.6                      | 98.8                         | 10 300*                      | 46.0                        |
| 48.0                        | 52.7                      | 94.4                         | 8 000*                       | 54.0                      | 95.3                         | 8 500*                       | 55.9                      | 96.5                         | 9 100*                       | 57.7                      | 97.5                         | 9 700*                       | 48.0                        |
| 50.0                        | 50.6                      | 92.8                         | 7 400*                       | 51.9                      | 93.8                         | 8 100*                       | 53.9                      | 95.0                         | 8 600*                       | 55.8                      | 96.1                         | 9 200*                       | 50.0                        |
| 52.0                        | 48.4                      | 91.0                         | 6 900*                       | 49.8                      | 92.1                         | 7 700*                       | 51.8                      | 93.5                         | 8 200*                       | 53.8                      | 94.6                         | 8 800*                       | 52.0                        |
| 54.0                        | 46.2                      | 89.1                         | 6 500*                       | 47.6                      | 90.2                         | 7 300*                       | 49.7                      | 91.7                         | 7 800*                       | 51.7                      | 93.0                         | 8 300*                       | 54.0                        |
| 56.0                        | 43.8                      | 87.0                         | 6 000*                       | 45.3                      | 88.2                         | 7 000*                       | 47.5                      | 89.9                         | 7 500*                       | 49.6                      | 91.3                         | 8 000*                       | 56.0                        |
| 58.0                        | 41.4                      | 84.7                         | 5 600*                       | 42.9                      | 86.1                         | 6 700*                       | 45.2                      | 87.9                         | 7 100*                       | 47.4                      | 89.5                         | 7 600*                       | 58.0                        |
| 60.0                        | 38.8                      | 82.2                         | 5 300*                       | 40.4                      | 83.7                         | 6 300*                       | 42.8                      | 85.7                         | 6 800*                       | 45.1                      | 87.5                         | 7 300*                       | 60.0                        |
| 62.0                        | 36.0                      | 79.5                         | 4 900*                       | 37.8                      | 81.2                         | 5 900*                       | 40.3                      | 83.4                         | 6 500*                       | 42.7                      | 85.3                         | 6 900*                       | 62.0                        |
| 64.0                        | 33.1                      | 76.4                         | 4 600*                       | 35.0                      | 78.3                         | 5 500*                       | 37.7                      | 80.8                         | 6 300*                       | 40.2                      | 82.9                         | 6 700*                       | 64.0                        |
| 66.0                        | 29.9                      | 73.0                         | 4 300*                       | 32.0                      | 75.1                         | 5 100*                       | 34.9                      | 78.0                         | 6 000*                       | 37.5                      | 80.3                         | 6 400*                       | 66.0                        |
| 68.0                        | 26.3                      | 69.1                         | 4 100*                       | 28.6                      | 71.5                         | 4 800*                       | 31.8                      | 74.8                         | 5 800*                       | 34.7                      | 77.5                         | 6 100*                       | 68.0                        |
| 70.0                        | 22.2                      | 64.3                         | 3 900*                       | 24.9                      | 67.4                         | 4 500*                       | 28.5                      | 71.1                         | 5 500*                       | 31.6                      | 74.3                         | 5 900*                       | 70.0                        |
| 72.0                        | 17.0                      | 58.3                         | 3 700*                       | 20.5                      | 62.3                         | 4 300*                       | 24.7                      | 66.9                         | 5 400*                       | 28.3                      | 70.6                         | 5 700*                       | 72.0                        |
| 74.0                        |                           |                              |                              | 14.7                      | 55.4                         | 4 100*                       | 20.2                      | 61.8                         | 5 100*                       | 24.5                      | 66.3                         | 5 400*                       | 74.0                        |
| 76.0                        |                           |                              |                              |                           |                              |                              | 14.4                      | 54.8                         | 4 800*                       | 20.0                      | 61.1                         | 5 200*                       | 76.0                        |
| 78.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 14.0                      | 54.0                         | 5 000*                       | 78.0                        |

# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

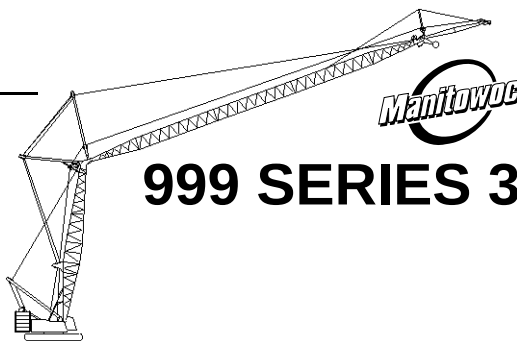
Designed And Tested  
With The Intent To  
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ANSI B30.5



## 999 SERIES 3

**36.6m (120 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib, 18.3m (60 Ft.) Fixed Jib**

| Fixed Jib<br>Oper.<br>Rad.<br>Meters | 88 Degree<br>Boom Angle            |                                          |                                    | 86 Degree<br>Boom Angle            |                                          |                                    | 83 Degree<br>Boom Angle            |                                          |                                    | 80 Degree<br>Boom Angle            |                                          |                                    | Fixed Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|--------------------------------------|
|                                      | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms |                                      |
| 25.9                                 | 73.8                               | 109.6                                    | 10 000*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 25.9                                 |
| 26.0                                 | 73.7                               | 109.6                                    | 10 000*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 26.0                                 |
| 28.0                                 | 72.1                               | 108.9                                    | 9 900*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 28.0                                 |
| 30.0                                 | 70.4                               | 108.2                                    | 9 800*                             | 71.5                               | 108.5                                    | 11 400*                            |                                    |                                          |                                    |                                    |                                          |                                    | 30.0                                 |
| 32.0                                 | 68.8                               | 107.4                                    | 9 700*                             | 69.8                               | 107.8                                    | 11 200*                            |                                    |                                          |                                    |                                    |                                          |                                    | 32.0                                 |
| 34.0                                 | 67.1                               | 106.5                                    | 9 500*                             | 68.2                               | 107.0                                    | 11 100*                            |                                    |                                          |                                    |                                    |                                          |                                    | 34.0                                 |
| 36.0                                 | 65.4                               | 105.6                                    | 9 400*                             | 66.5                               | 106.1                                    | 10 900*                            | 68.1                               | 106.7                                    | 10 900*                            |                                    |                                          |                                    | 36.0                                 |
| 38.0                                 | 63.6                               | 104.6                                    | 9 300*                             | 64.7                               | 105.1                                    | 10 800*                            | 66.4                               | 105.8                                    | 10 800*                            |                                    |                                          |                                    | 38.0                                 |
| 40.0                                 | 61.9                               | 103.5                                    | 9 100*                             | 63.0                               | 104.1                                    | 10 200*                            | 64.7                               | 104.9                                    | 10 700*                            | 66.3                               | 105.5                                    | 10 600*                            | 40.0                                 |
| 42.0                                 | 60.1                               | 102.3                                    | 9 000*                             | 61.2                               | 103.0                                    | 9 600*                             | 62.9                               | 103.8                                    | 10 300*                            | 64.6                               | 104.5                                    | 10 500*                            | 42.0                                 |
| 44.0                                 | 58.2                               | 101.1                                    | 8 700*                             | 59.4                               | 101.8                                    | 9 100*                             | 61.1                               | 102.7                                    | 9 800*                             | 62.8                               | 103.4                                    | 10 300*                            | 44.0                                 |
| 46.0                                 | 56.4                               | 99.7                                     | 8 200*                             | 57.6                               | 100.5                                    | 8 600*                             | 59.3                               | 101.5                                    | 9 200*                             | 61.0                               | 102.3                                    | 9 900*                             | 46.0                                 |
| 48.0                                 | 54.5                               | 98.3                                     | 7 800*                             | 55.7                               | 99.1                                     | 8 200*                             | 57.5                               | 100.2                                    | 8 800*                             | 59.2                               | 101.1                                    | 9 300*                             | 48.0                                 |
| 50.0                                 | 52.5                               | 96.7                                     | 7 400*                             | 53.8                               | 97.6                                     | 7 800*                             | 55.6                               | 98.8                                     | 8 300*                             | 57.4                               | 99.8                                     | 8 800*                             | 50.0                                 |
| 52.0                                 | 50.5                               | 95.1                                     | 6 900*                             | 51.8                               | 96.1                                     | 7 400*                             | 53.7                               | 97.4                                     | 7 900*                             | 55.5                               | 98.4                                     | 8 400*                             | 52.0                                 |
| 54.0                                 | 48.4                               | 93.3                                     | 6 500*                             | 49.8                               | 94.4                                     | 7 000*                             | 51.7                               | 95.8                                     | 7 500*                             | 53.6                               | 96.9                                     | 8 000*                             | 54.0                                 |
| 56.0                                 | 46.3                               | 91.4                                     | 6 100*                             | 47.7                               | 92.5                                     | 6 700*                             | 49.7                               | 94.0                                     | 7 200*                             | 51.6                               | 95.3                                     | 7 600*                             | 56.0                                 |
| 58.0                                 | 44.0                               | 89.3                                     | 5 700*                             | 45.5                               | 90.5                                     | 6 400*                             | 47.5                               | 92.2                                     | 6 900*                             | 49.5                               | 93.6                                     | 7 300*                             | 58.0                                 |
| 60.0                                 | 41.7                               | 87.0                                     | 5 300*                             | 43.2                               | 88.4                                     | 6 100*                             | 45.4                               | 90.2                                     | 6 600*                             | 47.4                               | 91.8                                     | 7 000*                             | 60.0                                 |
| 62.0                                 | 39.3                               | 84.6                                     | 5 000*                             | 40.8                               | 86.1                                     | 5 900*                             | 43.1                               | 88.1                                     | 6 300*                             | 45.2                               | 89.8                                     | 6 600*                             | 62.0                                 |
| 64.0                                 | 36.7                               | 81.9                                     | 4 700*                             | 38.3                               | 83.6                                     | 5 600*                             | 40.7                               | 85.8                                     | 6 000*                             | 43.0                               | 87.6                                     | 6 400*                             | 64.0                                 |
| 66.0                                 | 33.9                               | 79.0                                     | 4 400*                             | 35.7                               | 80.8                                     | 5 300*                             | 38.2                               | 83.2                                     | 5 800*                             | 40.6                               | 85.3                                     | 6 100*                             | 66.0                                 |
| 68.0                                 | 30.9                               | 75.7                                     | 4 100*                             | 32.9                               | 77.7                                     | 4 900*                             | 35.6                               | 80.4                                     | 5 600*                             | 38.1                               | 82.8                                     | 5 900*                             | 68.0                                 |
| 70.0                                 | 27.6                               | 71.9                                     | 3 900*                             | 29.8                               | 74.3                                     | 4 600*                             | 32.7                               | 77.3                                     | 5 300*                             | 35.4                               | 80.0                                     | 5 600*                             | 70.0                                 |
| 72.0                                 | 23.9                               | 67.5                                     | 3 700*                             | 26.3                               | 70.3                                     | 4 300*                             | 29.6                               | 73.9                                     | 5 100*                             | 32.5                               | 76.8                                     | 5 400*                             | 72.0                                 |
| 74.0                                 | 19.5                               | 62.2                                     | 3 500*                             | 22.4                               | 65.6                                     | 4 100*                             | 26.2                               | 69.9                                     | 5 000*                             | 29.4                               | 73.4                                     | 5 200*                             | 74.0                                 |
| 76.0                                 | 13.6                               | 54.9                                     | 3 400*                             | 17.6                               | 59.8                                     | 3 900*                             | 22.2                               | 65.2                                     | 4 800*                             | 25.9                               | 69.3                                     | 5 000*                             | 76.0                                 |
| 78.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 17.3                               | 59.2                                     | 4 600*                             | 21.9                               | 64.6                                     | 4 900*                             | 78.0                                 |
| 80.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 10.1                               | 50.2                                     | 4 100*                             | 17.0                               | 58.5                                     | 4 700*                             | 80.0                                 |
| 82.0                                 |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 9.6                                | 49.2                                     | 4 300*                             | 82.0                                 |



# Liftcrane Fixed Jib Capacities

**999 SERIES 3**

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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

**36.6m (120 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib, 18.3m (60 Ft.) Fixed Jib**

| Fixed Jib Oper. Rad. Meters | 88 Degree Boom Angle      |                              |                              | 86 Degree Boom Angle      |                              |                              | 83 Degree Boom Angle      |                              |                              | 80 Degree Boom Angle      |                              |                              | Fixed Jib Oper. Rad. Meters |
|-----------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|-----------------------------|
|                             | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms |                             |
| 25.9                        | 74.4                      | 112.8                        | 9 600*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 25.9                        |
| 26.0                        | 74.4                      | 112.7                        | 9 600*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 26.0                        |
| 28.0                        | 72.8                      | 112.1                        | 9 500*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 28.0                        |
| 30.0                        | 71.2                      | 111.4                        | 9 400*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 30.0                        |
| 32.0                        | 69.6                      | 110.7                        | 9 300*                       | 70.7                      | 111.1                        | 10 800*                      |                           |                              |                              |                           |                              |                              | 32.0                        |
| 34.0                        | 68.0                      | 109.8                        | 9 200*                       | 69.1                      | 110.3                        | 10 700*                      |                           |                              |                              |                           |                              |                              | 34.0                        |
| 36.0                        | 66.4                      | 108.9                        | 9 100*                       | 67.5                      | 109.4                        | 10 600*                      | 69.0                      | 110.0                        | 10 600*                      |                           |                              |                              | 36.0                        |
| 38.0                        | 64.8                      | 108.0                        | 9 100*                       | 65.8                      | 108.5                        | 10 500*                      | 67.4                      | 109.2                        | 10 400*                      |                           |                              |                              | 38.0                        |
| 40.0                        | 63.1                      | 107.0                        | 8 900*                       | 64.2                      | 107.5                        | 10 300*                      | 65.7                      | 108.3                        | 10 400*                      |                           |                              |                              | 40.0                        |
| 42.0                        | 61.4                      | 105.9                        | 8 800*                       | 62.5                      | 106.5                        | 10 000*                      | 64.1                      | 107.3                        | 10 200*                      | 65.6                      | 107.9                        | 10 100*                      | 42.0                        |
| 44.0                        | 59.7                      | 104.7                        | 8 700*                       | 60.8                      | 105.3                        | 9 400*                       | 62.4                      | 106.2                        | 10 100*                      | 64.0                      | 106.9                        | 10 100*                      | 44.0                        |
| 46.0                        | 57.9                      | 103.4                        | 8 300*                       | 59.0                      | 104.1                        | 9 000*                       | 60.7                      | 105.1                        | 9 600*                       | 62.3                      | 105.8                        | 10 000*                      | 46.0                        |
| 48.0                        | 56.1                      | 102.0                        | 7 700*                       | 57.2                      | 102.8                        | 8 500*                       | 58.9                      | 103.9                        | 9 100*                       | 60.6                      | 104.7                        | 9 700*                       | 48.0                        |
| 50.0                        | 54.3                      | 100.6                        | 7 300*                       | 55.4                      | 101.4                        | 8 100*                       | 57.2                      | 102.5                        | 8 700*                       | 58.8                      | 103.5                        | 9 200*                       | 50.0                        |
| 52.0                        | 52.4                      | 99.0                         | 6 900*                       | 53.6                      | 100.0                        | 7 700*                       | 55.3                      | 101.2                        | 8 300*                       | 57.1                      | 102.2                        | 8 800*                       | 52.0                        |
| 54.0                        | 50.4                      | 97.4                         | 6 400*                       | 51.7                      | 98.4                         | 7 400*                       | 53.5                      | 99.7                         | 7 900*                       | 55.2                      | 100.8                        | 8 400*                       | 54.0                        |
| 56.0                        | 48.4                      | 95.6                         | 6 100*                       | 49.7                      | 96.7                         | 7 100*                       | 51.6                      | 98.1                         | 7 500*                       | 53.4                      | 99.3                         | 8 000*                       | 56.0                        |
| 58.0                        | 46.4                      | 93.7                         | 5 700*                       | 47.7                      | 94.8                         | 6 700*                       | 49.6                      | 96.3                         | 7 200*                       | 51.5                      | 97.6                         | 7 600*                       | 58.0                        |
| 60.0                        | 44.2                      | 91.6                         | 5 300*                       | 45.6                      | 92.9                         | 6 400*                       | 47.6                      | 94.5                         | 6 900*                       | 49.5                      | 95.9                         | 7 300*                       | 60.0                        |
| 62.0                        | 42.0                      | 89.4                         | 5 000*                       | 43.5                      | 90.7                         | 6 000*                       | 45.5                      | 92.5                         | 6 600*                       | 47.5                      | 94.1                         | 7 000*                       | 62.0                        |
| 64.0                        | 39.7                      | 87.0                         | 4 700*                       | 41.2                      | 88.5                         | 5 700*                       | 43.3                      | 90.4                         | 6 300*                       | 45.4                      | 92.1                         | 6 700*                       | 64.0                        |
| 66.0                        | 37.2                      | 84.4                         | 4 400*                       | 38.8                      | 86.0                         | 5 300*                       | 41.1                      | 88.1                         | 6 100*                       | 43.2                      | 90.0                         | 6 500*                       | 66.0                        |
| 68.0                        | 34.6                      | 81.5                         | 4 200*                       | 36.3                      | 83.3                         | 5 000*                       | 38.7                      | 85.6                         | 5 900*                       | 40.9                      | 87.7                         | 6 200*                       | 68.0                        |
| 70.0                        | 31.8                      | 78.3                         | 4 000*                       | 33.6                      | 80.3                         | 4 700*                       | 36.2                      | 82.9                         | 5 600*                       | 38.6                      | 85.2                         | 6 000*                       | 70.0                        |
| 72.0                        | 28.8                      | 74.7                         | 3 700*                       | 30.7                      | 77.0                         | 4 400*                       | 33.5                      | 79.9                         | 5 500*                       | 36.0                      | 82.4                         | 5 800*                       | 72.0                        |
| 74.0                        | 25.4                      | 70.6                         | 3 500*                       | 27.6                      | 73.2                         | 4 200*                       | 30.6                      | 76.6                         | 5 300*                       | 33.3                      | 79.4                         | 5 500*                       | 74.0                        |
| 76.0                        | 21.4                      | 65.7                         | 3 400*                       | 24.0                      | 68.8                         | 4 000*                       | 27.4                      | 72.8                         | 5 000*                       | 30.4                      | 76.0                         | 5 300*                       | 76.0                        |
| 78.0                        | 16.6                      | 59.5                         | 3 300*                       | 19.8                      | 63.6                         | 3 800*                       | 23.8                      | 68.4                         | 4 700*                       | 27.2                      | 72.2                         | 5 000*                       | 78.0                        |
| 80.0                        |                           |                              |                              | 14.4                      | 56.5                         | 3 600*                       | 19.6                      | 63.0                         | 4 300*                       | 23.6                      | 67.8                         | 4 600*                       | 80.0                        |
| 82.0                        |                           |                              |                              |                           |                              |                              | 14.1                      | 55.9                         | 3 900*                       | 19.3                      | 62.4                         | 4 300*                       | 82.0                        |
| 84.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 13.7                      | 55.1                         | 3 900*                       | 84.0                        |

# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

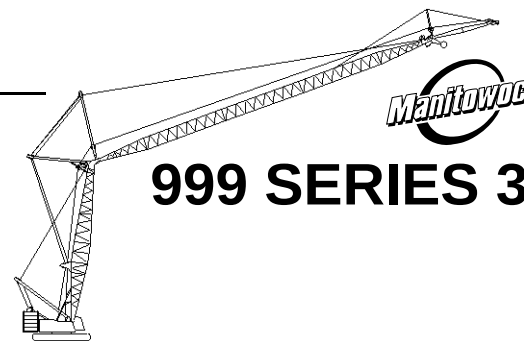
Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 999 SERIES 3

### 36.6m (120 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib, 18.3m (60 Ft.) Fixed Jib

| Fixed Jib<br>Oper.<br>Rad.<br>Meters | 88 Degree<br>Boom Angle            |                                          |                                    | 86 Degree<br>Boom Angle            |                                          |                                    | 83 Degree<br>Boom Angle            |                                          |                                    | 80 Degree<br>Boom Angle            |                                          |                                    | Fixed Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|--------------------------------------|
|                                      | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms |                                      |
| 27.4                                 | 73.9                               | 115.5                                    | 9 100*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 27.4                                 |
| 28.0                                 | 73.5                               | 115.3                                    | 9 100*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 28.0                                 |
| 30.0                                 | 72.0                               | 114.6                                    | 9 000*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 30.0                                 |
| 32.0                                 | 70.5                               | 113.9                                    | 8 900*                             | 71.4                               | 114.3                                    | 10 400*                            |                                    |                                          |                                    |                                    |                                          |                                    | 32.0                                 |
| 34.0                                 | 68.9                               | 113.1                                    | 8 900*                             | 69.9                               | 113.6                                    | 10 300*                            |                                    |                                          |                                    |                                    |                                          |                                    | 34.0                                 |
| 36.0                                 | 67.4                               | 112.3                                    | 8 800*                             | 68.4                               | 112.7                                    | 10 200*                            |                                    |                                          |                                    |                                    |                                          |                                    | 36.0                                 |
| 38.0                                 | 65.8                               | 111.4                                    | 8 700*                             | 66.8                               | 111.9                                    | 10 100*                            | 68.3                               | 112.5                                    | 10 100*                            |                                    |                                          |                                    | 38.0                                 |
| 40.0                                 | 64.2                               | 110.4                                    | 8 600*                             | 65.2                               | 110.9                                    | 10 000*                            | 66.7                               | 111.6                                    | 10 000*                            |                                    |                                          |                                    | 40.0                                 |
| 42.0                                 | 62.6                               | 109.3                                    | 8 500*                             | 63.6                               | 109.9                                    | 9 700*                             | 65.1                               | 110.7                                    | 9 900*                             |                                    |                                          |                                    | 42.0                                 |
| 44.0                                 | 60.9                               | 108.2                                    | 8 400*                             | 62.0                               | 108.9                                    | 9 100*                             | 63.5                               | 109.7                                    | 9 700*                             | 65.1                               | 110.3                                    | 9 700*                             | 44.0                                 |
| 46.0                                 | 59.3                               | 107.0                                    | 8 100*                             | 60.3                               | 107.7                                    | 8 700*                             | 61.9                               | 108.6                                    | 9 300*                             | 63.4                               | 109.3                                    | 9 600*                             | 46.0                                 |
| 48.0                                 | 57.6                               | 105.7                                    | 7 600*                             | 58.7                               | 106.5                                    | 8 200*                             | 60.3                               | 107.4                                    | 8 800*                             | 61.8                               | 108.2                                    | 9 400*                             | 48.0                                 |
| 50.0                                 | 55.8                               | 104.4                                    | 7 200*                             | 56.9                               | 105.2                                    | 7 800*                             | 58.6                               | 106.2                                    | 8 400*                             | 60.2                               | 107.0                                    | 8 900*                             | 50.0                                 |
| 52.0                                 | 54.1                               | 102.9                                    | 6 800*                             | 55.2                               | 103.8                                    | 7 500*                             | 56.9                               | 104.9                                    | 8 000*                             | 58.5                               | 105.8                                    | 8 500*                             | 52.0                                 |
| 54.0                                 | 52.2                               | 101.3                                    | 6 400*                             | 53.4                               | 102.3                                    | 7 100*                             | 55.1                               | 103.5                                    | 7 600*                             | 56.8                               | 104.5                                    | 8 100*                             | 54.0                                 |
| 56.0                                 | 50.4                               | 99.7                                     | 6 000*                             | 51.6                               | 100.7                                    | 6 900*                             | 53.3                               | 102.0                                    | 7 300*                             | 55.0                               | 103.1                                    | 7 700*                             | 56.0                                 |
| 58.0                                 | 48.5                               | 97.9                                     | 5 600*                             | 49.7                               | 99.0                                     | 6 600*                             | 51.5                               | 100.4                                    | 7 000*                             | 53.2                               | 101.6                                    | 7 400*                             | 58.0                                 |
| 60.0                                 | 46.5                               | 96.0                                     | 5 300*                             | 47.8                               | 97.1                                     | 6 300*                             | 49.6                               | 98.6                                     | 6 700*                             | 51.4                               | 99.9                                     | 7 100*                             | 60.0                                 |
| 62.0                                 | 44.4                               | 93.9                                     | 5 000*                             | 45.8                               | 95.2                                     | 6 000*                             | 47.7                               | 96.8                                     | 6 400*                             | 49.5                               | 98.2                                     | 6 800*                             | 62.0                                 |
| 64.0                                 | 42.3                               | 91.7                                     | 4 700*                             | 43.7                               | 93.1                                     | 5 700*                             | 45.7                               | 94.9                                     | 6 200*                             | 47.5                               | 96.4                                     | 6 500*                             | 64.0                                 |
| 66.0                                 | 40.1                               | 89.4                                     | 4 400*                             | 41.5                               | 90.8                                     | 5 400*                             | 43.6                               | 92.7                                     | 5 900*                             | 45.5                               | 94.4                                     | 6 200*                             | 66.0                                 |
| 68.0                                 | 37.8                               | 86.8                                     | 4 200*                             | 39.3                               | 88.4                                     | 5 000*                             | 41.4                               | 90.5                                     | 5 700*                             | 43.5                               | 92.3                                     | 6 000*                             | 68.0                                 |
| 70.0                                 | 35.3                               | 84.0                                     | 4 000*                             | 36.9                               | 85.7                                     | 4 800*                             | 39.1                               | 88.0                                     | 5 500*                             | 41.3                               | 90.0                                     | 5 800*                             | 70.0                                 |
| 72.0                                 | 32.6                               | 80.9                                     | 3 700*                             | 34.3                               | 82.8                                     | 4 500*                             | 36.8                               | 85.4                                     | 5 300*                             | 39.0                               | 87.6                                     | 5 600*                             | 72.0                                 |
| 74.0                                 | 29.8                               | 77.4                                     | 3 500*                             | 31.6                               | 79.6                                     | 4 200*                             | 34.2                               | 82.4                                     | 5 100*                             | 36.6                               | 84.9                                     | 5 400*                             | 74.0                                 |
| 76.0                                 | 26.6                               | 73.5                                     | 3 400*                             | 28.7                               | 76.0                                     | 4 000*                             | 31.5                               | 79.2                                     | 4 800*                             | 34.1                               | 81.9                                     | 5 100*                             | 76.0                                 |
| 78.0                                 | 23.1                               | 69.0                                     | 3 200*                             | 25.4                               | 71.9                                     | 3 800*                             | 28.5                               | 75.6                                     | 4 400*                             | 31.3                               | 78.7                                     | 4 700*                             | 78.0                                 |
| 80.0                                 | 18.9                               | 63.4                                     | 3 100*                             | 21.7                               | 67.0                                     | 3 600*                             | 25.2                               | 71.4                                     | 4 100*                             | 28.4                               | 75.0                                     | 4 400*                             | 80.0                                 |
| 82.0                                 | 13.3                               | 56.0                                     | 2 800*                             | 17.1                               | 61.0                                     | 3 500*                             | 21.5                               | 66.5                                     | 3 800*                             | 25.0                               | 70.9                                     | 4 000*                             | 82.0                                 |
| 84.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 16.8                               | 60.4                                     | 3 400*                             | 21.2                               | 65.9                                     | 3 700*                             | 84.0                                 |
| 86.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 10.2                               | 51.3                                     | 2 900*                             | 16.5                               | 59.7                                     | 3 400*                             | 86.0                                 |
| 88.0                                 |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 9.6                                | 50.2                                     | 3 000*                             | 88.0                                 |



# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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

## 999 SERIES 3

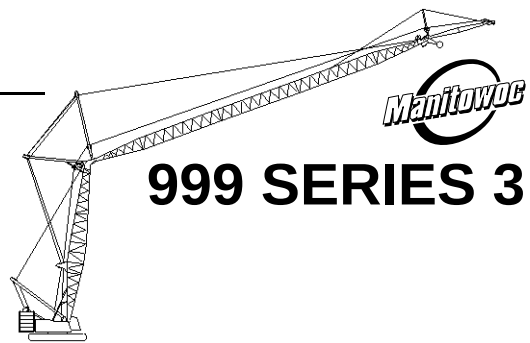
**36.6m (120 Ft.) Boom, 64.0m (210 Ft.) Luffing Jib, 18.3m (60 Ft.) Fixed Jib**

| Fixed Jib Oper. Rad. Meters | 88 Degree Boom Angle      |                              |                              | 86 Degree Boom Angle      |                              |                              | 83 Degree Boom Angle      |                              |                              | 80 Degree Boom Angle      |                              |                              | Fixed Jib Oper. Rad. Meters |
|-----------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|-----------------------------|
|                             | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms |                             |
| 27.4                        | 74.5                      | 118.7                        | 8 700*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 27.4                        |
| 28.0                        | 74.1                      | 118.5                        | 8 600*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 28.0                        |
| 30.0                        | 72.7                      | 117.9                        | 8 600*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 30.0                        |
| 32.0                        | 71.2                      | 117.2                        | 8 500*                       | 72.1                      | 117.5                        | 9 900*                       |                           |                              |                              |                           |                              |                              | 32.0                        |
| 34.0                        | 69.7                      | 116.4                        | 8 400*                       | 70.7                      | 116.8                        | 9 800*                       |                           |                              |                              |                           |                              |                              | 34.0                        |
| 36.0                        | 68.2                      | 115.6                        | 8 300*                       | 69.2                      | 116.0                        | 9 700*                       |                           |                              |                              |                           |                              |                              | 36.0                        |
| 38.0                        | 66.7                      | 114.7                        | 8 300*                       | 67.7                      | 115.2                        | 9 700*                       |                           |                              |                              |                           |                              |                              | 38.0                        |
| 40.0                        | 65.2                      | 113.8                        | 8 200*                       | 66.2                      | 114.3                        | 9 500*                       | 67.6                      | 114.9                        | 9 600*                       |                           |                              |                              | 40.0                        |
| 42.0                        | 63.7                      | 112.8                        | 8 100*                       | 64.7                      | 113.4                        | 9 200*                       | 66.1                      | 114.0                        | 9 500*                       |                           |                              |                              | 42.0                        |
| 44.0                        | 62.1                      | 111.7                        | 8 000*                       | 63.1                      | 112.3                        | 8 700*                       | 64.6                      | 113.1                        | 9 300*                       |                           |                              |                              | 44.0                        |
| 46.0                        | 60.5                      | 110.6                        | 7 800*                       | 61.5                      | 111.2                        | 8 200*                       | 63.0                      | 112.1                        | 8 800*                       | 64.5                      | 112.7                        | 9 200*                       | 46.0                        |
| 48.0                        | 58.9                      | 109.4                        | 7 400*                       | 59.9                      | 110.1                        | 7 800*                       | 61.5                      | 111.0                        | 8 400*                       | 63.0                      | 111.7                        | 8 900*                       | 48.0                        |
| 50.0                        | 57.3                      | 108.1                        | 7 000*                       | 58.3                      | 108.8                        | 7 500*                       | 59.9                      | 109.8                        | 7 900*                       | 61.4                      | 110.6                        | 8 400*                       | 50.0                        |
| 52.0                        | 55.6                      | 106.7                        | 6 600*                       | 56.7                      | 107.5                        | 7 100*                       | 58.2                      | 108.5                        | 7 600*                       | 59.8                      | 109.4                        | 8 000*                       | 52.0                        |
| 54.0                        | 53.9                      | 105.2                        | 6 300*                       | 55.0                      | 106.1                        | 6 800*                       | 56.6                      | 107.2                        | 7 200*                       | 58.1                      | 108.1                        | 7 700*                       | 54.0                        |
| 56.0                        | 52.1                      | 103.6                        | 5 900*                       | 53.2                      | 104.6                        | 6 500*                       | 54.9                      | 105.8                        | 6 900*                       | 56.5                      | 106.8                        | 7 300*                       | 56.0                        |
| 58.0                        | 50.3                      | 102.0                        | 5 600*                       | 51.5                      | 103.0                        | 6 200*                       | 53.2                      | 104.3                        | 6 600*                       | 54.8                      | 105.4                        | 7 000*                       | 58.0                        |
| 60.0                        | 48.5                      | 100.2                        | 5 300*                       | 49.7                      | 101.3                        | 6 000*                       | 51.4                      | 102.7                        | 6 400*                       | 53.1                      | 103.9                        | 6 700*                       | 60.0                        |
| 62.0                        | 46.6                      | 98.3                         | 5 000*                       | 47.8                      | 99.4                         | 5 700*                       | 49.6                      | 100.9                        | 6 100*                       | 51.3                      | 102.2                        | 6 400*                       | 62.0                        |
| 64.0                        | 44.6                      | 96.3                         | 4 700*                       | 45.9                      | 97.5                         | 5 500*                       | 47.7                      | 99.1                         | 5 800*                       | 49.5                      | 100.5                        | 6 200*                       | 64.0                        |
| 66.0                        | 42.6                      | 94.1                         | 4 400*                       | 43.9                      | 95.4                         | 5 300*                       | 45.8                      | 97.2                         | 5 600*                       | 47.6                      | 98.7                         | 5 900*                       | 66.0                        |
| 68.0                        | 40.5                      | 91.7                         | 4 200*                       | 41.8                      | 93.2                         | 5 100*                       | 43.8                      | 95.1                         | 5 400*                       | 45.7                      | 96.7                         | 5 700*                       | 68.0                        |
| 70.0                        | 38.2                      | 89.2                         | 4 000*                       | 39.7                      | 90.7                         | 4 800*                       | 41.7                      | 92.8                         | 5 200*                       | 43.7                      | 94.6                         | 5 500*                       | 70.0                        |
| 72.0                        | 35.9                      | 86.4                         | 3 700*                       | 37.4                      | 88.1                         | 4 500*                       | 39.5                      | 90.4                         | 5 000*                       | 41.6                      | 92.4                         | 5 300*                       | 72.0                        |
| 74.0                        | 33.4                      | 83.4                         | 3 500*                       | 35.0                      | 85.3                         | 4 200*                       | 37.3                      | 87.8                         | 4 800*                       | 39.4                      | 89.9                         | 5 100*                       | 74.0                        |
| 76.0                        | 30.7                      | 80.1                         | 3 400*                       | 32.4                      | 82.2                         | 4 000*                       | 34.9                      | 84.9                         | 4 500*                       | 37.1                      | 87.3                         | 4 900*                       | 76.0                        |
| 78.0                        | 27.8                      | 76.4                         | 3 200*                       | 29.7                      | 78.7                         | 3 800*                       | 32.3                      | 81.8                         | 4 200*                       | 34.7                      | 84.4                         | 4 500*                       | 78.0                        |
| 80.0                        | 24.5                      | 72.1                         | 3 100*                       | 26.6                      | 74.8                         | 3 600*                       | 29.5                      | 78.3                         | 3 800*                       | 32.2                      | 81.3                         | 4 100*                       | 80.0                        |
| 82.0                        | 20.8                      | 67.0                         | 3 000*                       | 23.2                      | 70.3                         | 3 300*                       | 26.5                      | 74.4                         | 3 500*                       | 29.4                      | 77.8                         | 3 800*                       | 82.0                        |
| 84.0                        | 16.2                      | 60.6                         | 2 700*                       | 19.2                      | 64.8                         | 3 000*                       | 23.1                      | 69.8                         | 3 200*                       | 26.3                      | 73.8                         | 3 500*                       | 84.0                        |
| 86.0                        |                           |                              |                              | 14.1                      | 57.7                         | 2 600*                       | 19.0                      | 64.3                         | 2 900*                       | 22.8                      | 69.2                         | 3 200*                       | 86.0                        |
| 88.0                        |                           |                              |                              |                           |                              |                              | 13.8                      | 57.0                         | 2 600*                       | 18.8                      | 63.6                         | 2 900*                       | 88.0                        |
| 90.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 13.4                      | 56.2                         | 2 600*                       | 90.0                        |

# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

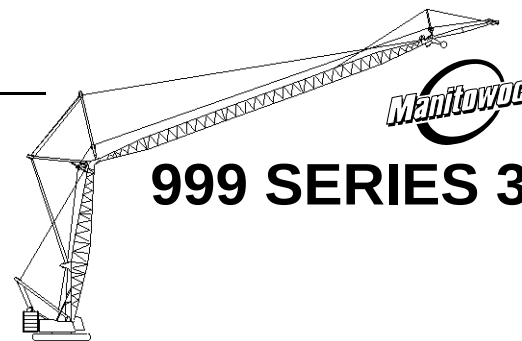
Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 999 SERIES 3

**36.6m (120 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib, 21.3m (70 Ft.) Fixed Jib**

| Fixed Jib<br>Oper.<br>Rad.<br>Meters | 88 Degree<br>Boom Angle            |                                          |                                    | 86 Degree<br>Boom Angle            |                                          |                                    | 83 Degree<br>Boom Angle            |                                          |                                    | 80 Degree<br>Boom Angle            |                                          |                                    | Fixed Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|--------------------------------------|
|                                      | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms |                                      |
| 24.4                                 | 74.9                               | 110.1                                    | 8 200*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 24.4                                 |
| 26.0                                 | 73.6                               | 109.6                                    | 8 100*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 26.0                                 |
| 28.0                                 | 72.0                               | 108.9                                    | 7 900*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 28.0                                 |
| 30.0                                 | 70.3                               | 108.2                                    | 7 800*                             | 71.4                               | 108.6                                    | 9 100*                             |                                    |                                          |                                    |                                    |                                          |                                    | 30.0                                 |
| 32.0                                 | 68.7                               | 107.4                                    | 7 600*                             | 69.7                               | 107.8                                    | 8 900*                             |                                    |                                          |                                    |                                    |                                          |                                    | 32.0                                 |
| 34.0                                 | 67.0                               | 106.5                                    | 7 500*                             | 68.0                               | 107.0                                    | 8 700*                             |                                    |                                          |                                    |                                    |                                          |                                    | 34.0                                 |
| 36.0                                 | 65.3                               | 105.6                                    | 7 400*                             | 66.4                               | 106.1                                    | 8 600*                             | 68.0                               | 106.7                                    | 8 600*                             |                                    |                                          |                                    | 36.0                                 |
| 38.0                                 | 63.5                               | 104.6                                    | 7 200*                             | 64.6                               | 105.2                                    | 8 400*                             | 66.3                               | 105.8                                    | 8 500*                             |                                    |                                          |                                    | 38.0                                 |
| 40.0                                 | 61.8                               | 103.5                                    | 7 100*                             | 62.9                               | 104.1                                    | 8 200*                             | 64.5                               | 104.9                                    | 8 300*                             | 66.2                               | 105.5                                    | 8 400*                             | 40.0                                 |
| 42.0                                 | 60.0                               | 102.3                                    | 7 000*                             | 61.1                               | 103.0                                    | 8 100*                             | 62.8                               | 103.8                                    | 8 200*                             | 64.5                               | 104.5                                    | 8 200*                             | 42.0                                 |
| 44.0                                 | 58.1                               | 101.1                                    | 6 800*                             | 59.3                               | 101.8                                    | 7 900*                             | 61.0                               | 102.7                                    | 8 000*                             | 62.7                               | 103.5                                    | 8 100*                             | 44.0                                 |
| 46.0                                 | 56.3                               | 99.8                                     | 6 800*                             | 57.5                               | 100.5                                    | 7 900*                             | 59.2                               | 101.5                                    | 7 900*                             | 60.9                               | 102.3                                    | 8 000*                             | 46.0                                 |
| 48.0                                 | 54.4                               | 98.3                                     | 6 600*                             | 55.6                               | 99.2                                     | 7 700*                             | 57.4                               | 100.2                                    | 7 700*                             | 59.1                               | 101.1                                    | 7 800*                             | 48.0                                 |
| 50.0                                 | 52.4                               | 96.8                                     | 6 500*                             | 53.7                               | 97.7                                     | 7 500*                             | 55.5                               | 98.9                                     | 7 600*                             | 57.3                               | 99.9                                     | 7 700*                             | 50.0                                 |
| 52.0                                 | 50.4                               | 95.1                                     | 6 300*                             | 51.7                               | 96.1                                     | 7 200*                             | 53.6                               | 97.4                                     | 7 500*                             | 55.4                               | 98.5                                     | 7 600*                             | 52.0                                 |
| 54.0                                 | 48.3                               | 93.3                                     | 6 200*                             | 49.7                               | 94.4                                     | 6 800*                             | 51.6                               | 95.8                                     | 7 300*                             | 53.5                               | 97.0                                     | 7 400*                             | 54.0                                 |
| 56.0                                 | 46.2                               | 91.4                                     | 5 900*                             | 47.6                               | 92.6                                     | 6 500*                             | 49.6                               | 94.1                                     | 7 000*                             | 51.5                               | 95.4                                     | 7 300*                             | 56.0                                 |
| 58.0                                 | 43.9                               | 89.3                                     | 5 600*                             | 45.4                               | 90.6                                     | 6 200*                             | 47.4                               | 92.2                                     | 6 600*                             | 49.4                               | 93.7                                     | 7 100*                             | 58.0                                 |
| 60.0                                 | 41.6                               | 87.1                                     | 5 200*                             | 43.1                               | 88.4                                     | 5 900*                             | 45.3                               | 90.3                                     | 6 300*                             | 47.3                               | 91.8                                     | 6 700*                             | 60.0                                 |
| 62.0                                 | 39.2                               | 84.6                                     | 4 800*                             | 40.7                               | 86.1                                     | 5 600*                             | 43.0                               | 88.1                                     | 6 000*                             | 45.1                               | 89.8                                     | 6 400*                             | 62.0                                 |
| 64.0                                 | 36.6                               | 82.0                                     | 4 500*                             | 38.2                               | 83.6                                     | 5 400*                             | 40.6                               | 85.8                                     | 5 800*                             | 42.9                               | 87.7                                     | 6 100*                             | 64.0                                 |
| 66.0                                 | 33.8                               | 79.0                                     | 4 200*                             | 35.6                               | 80.8                                     | 5 100*                             | 38.1                               | 83.3                                     | 5 500*                             | 40.5                               | 85.3                                     | 5 800*                             | 66.0                                 |
| 68.0                                 | 30.8                               | 75.7                                     | 4 000*                             | 32.8                               | 77.8                                     | 4 700*                             | 35.5                               | 80.5                                     | 5 300*                             | 38.0                               | 82.8                                     | 5 600*                             | 68.0                                 |
| 70.0                                 | 27.5                               | 72.0                                     | 3 800*                             | 29.7                               | 74.3                                     | 4 500*                             | 32.6                               | 77.4                                     | 5 000*                             | 35.3                               | 80.0                                     | 5 400*                             | 70.0                                 |
| 72.0                                 | 23.8                               | 67.6                                     | 3 500*                             | 26.2                               | 70.4                                     | 4 200*                             | 29.5                               | 73.9                                     | 4 900*                             | 32.5                               | 76.9                                     | 5 100*                             | 72.0                                 |
| 74.0                                 | 19.4                               | 62.3                                     | 3 400*                             | 22.3                               | 65.7                                     | 3 900*                             | 26.1                               | 69.9                                     | 4 600*                             | 29.3                               | 73.4                                     | 4 900*                             | 74.0                                 |
| 76.0                                 | 13.6                               | 55.0                                     | 3 300*                             | 17.5                               | 59.8                                     | 3 700*                             | 22.1                               | 65.2                                     | 4 500*                             | 25.9                               | 69.4                                     | 4 700*                             | 76.0                                 |
| 78.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 17.2                               | 59.3                                     | 4 300*                             | 21.9                               | 64.6                                     | 4 600*                             | 78.0                                 |
| 80.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 10.1                               | 50.3                                     | 4 100*                             | 16.9                               | 58.6                                     | 4 400*                             | 80.0                                 |
| 82.0                                 |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 9.6                                | 49.3                                     | 4 200*                             | 82.0                                 |



# Liftcrane Fixed Jib Capacities

**999 SERIES 3**

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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

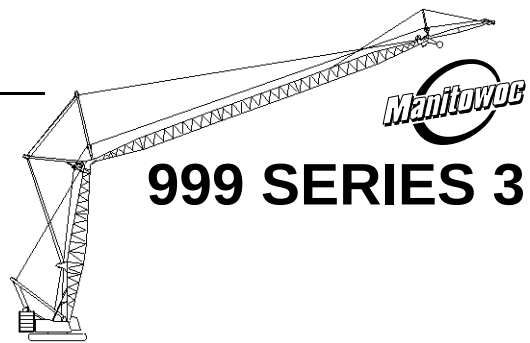
**36.6m (120 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib, 21.3m (70 Ft.) Fixed Jib**

| Fixed Jib Oper. Rad. Meters | 88 Degree Boom Angle      |                              |                              | 86 Degree Boom Angle      |                              |                              | 83 Degree Boom Angle      |                              |                              | 80 Degree Boom Angle      |                              |                              | Fixed Jib Oper. Rad. Meters |
|-----------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|-----------------------------|
|                             | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms |                             |
| 25.9                        | 74.3                      | 112.8                        | 7 900*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 25.9                        |
| 26.0                        | 74.3                      | 112.8                        | 7 900*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 26.0                        |
| 28.0                        | 72.7                      | 112.1                        | 7 800*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 28.0                        |
| 30.0                        | 71.1                      | 111.4                        | 7 600*                       | 72.1                      | 111.8                        | 8 900*                       |                           |                              |                              |                           |                              |                              | 30.0                        |
| 32.0                        | 69.5                      | 110.7                        | 7 500*                       | 70.6                      | 111.1                        | 8 700*                       |                           |                              |                              |                           |                              |                              | 32.0                        |
| 34.0                        | 67.9                      | 109.9                        | 7 500*                       | 69.0                      | 110.3                        | 8 600*                       |                           |                              |                              |                           |                              |                              | 34.0                        |
| 36.0                        | 66.3                      | 109.0                        | 7 200*                       | 67.3                      | 109.5                        | 8 400*                       | 68.9                      | 110.0                        | 8 500*                       |                           |                              |                              | 36.0                        |
| 38.0                        | 64.7                      | 108.0                        | 7 100*                       | 65.7                      | 108.5                        | 8 300*                       | 67.3                      | 109.2                        | 8 300*                       |                           |                              |                              | 38.0                        |
| 40.0                        | 63.0                      | 107.0                        | 7 000*                       | 64.1                      | 107.6                        | 8 100*                       | 65.6                      | 108.3                        | 8 200*                       |                           |                              |                              | 40.0                        |
| 42.0                        | 61.3                      | 105.9                        | 6 900*                       | 62.4                      | 106.5                        | 8 000*                       | 64.0                      | 107.3                        | 8 100*                       | 65.5                      | 107.9                        | 8 100*                       | 42.0                        |
| 44.0                        | 59.6                      | 104.7                        | 6 800*                       | 60.7                      | 105.4                        | 7 900*                       | 62.3                      | 106.2                        | 7 900*                       | 63.9                      | 106.9                        | 8 000*                       | 44.0                        |
| 46.0                        | 57.8                      | 103.4                        | 6 600*                       | 58.9                      | 104.2                        | 7 700*                       | 60.6                      | 105.1                        | 7 800*                       | 62.2                      | 105.9                        | 7 900*                       | 46.0                        |
| 48.0                        | 56.0                      | 102.1                        | 6 600*                       | 57.1                      | 102.9                        | 7 600*                       | 58.8                      | 103.9                        | 7 700*                       | 60.5                      | 104.7                        | 7 700*                       | 48.0                        |
| 50.0                        | 54.2                      | 100.6                        | 6 500*                       | 55.3                      | 101.5                        | 7 300*                       | 57.1                      | 102.6                        | 7 500*                       | 58.7                      | 103.5                        | 7 600*                       | 50.0                        |
| 52.0                        | 52.3                      | 99.1                         | 6 300*                       | 53.5                      | 100.0                        | 6 900*                       | 55.2                      | 101.2                        | 7 400*                       | 57.0                      | 102.2                        | 7 500*                       | 52.0                        |
| 54.0                        | 50.3                      | 97.4                         | 6 200*                       | 51.6                      | 98.4                         | 6 600*                       | 53.4                      | 99.7                         | 7 000*                       | 55.1                      | 100.8                        | 7 400*                       | 54.0                        |
| 56.0                        | 48.3                      | 95.6                         | 5 900*                       | 49.6                      | 96.7                         | 6 200*                       | 51.5                      | 98.1                         | 6 700*                       | 53.3                      | 99.3                         | 7 100*                       | 56.0                        |
| 58.0                        | 46.3                      | 93.7                         | 5 600*                       | 47.6                      | 94.9                         | 5 900*                       | 49.5                      | 96.4                         | 6 300*                       | 51.4                      | 97.7                         | 6 700*                       | 58.0                        |
| 60.0                        | 44.2                      | 91.7                         | 5 200*                       | 45.5                      | 92.9                         | 5 700*                       | 47.5                      | 94.5                         | 6 000*                       | 49.4                      | 96.0                         | 6 400*                       | 60.0                        |
| 62.0                        | 41.9                      | 89.4                         | 4 900*                       | 43.4                      | 90.8                         | 5 400*                       | 45.4                      | 92.6                         | 5 800*                       | 47.4                      | 94.1                         | 6 100*                       | 62.0                        |
| 64.0                        | 39.6                      | 87.0                         | 4 600*                       | 41.1                      | 88.5                         | 5 200*                       | 43.3                      | 90.4                         | 5 500*                       | 45.3                      | 92.1                         | 5 800*                       | 64.0                        |
| 66.0                        | 37.2                      | 84.4                         | 4 300*                       | 38.7                      | 86.0                         | 5 000*                       | 41.0                      | 88.2                         | 5 300*                       | 43.1                      | 90.0                         | 5 600*                       | 66.0                        |
| 68.0                        | 34.5                      | 81.5                         | 4 100*                       | 36.2                      | 83.3                         | 4 800*                       | 38.6                      | 85.7                         | 5 100*                       | 40.9                      | 87.7                         | 5 400*                       | 68.0                        |
| 70.0                        | 31.7                      | 78.3                         | 3 800*                       | 33.6                      | 80.3                         | 4 500*                       | 36.1                      | 82.9                         | 4 900*                       | 38.5                      | 85.2                         | 5 100*                       | 70.0                        |
| 72.0                        | 28.7                      | 74.8                         | 3 600*                       | 30.7                      | 77.0                         | 4 300*                       | 33.4                      | 79.9                         | 4 700*                       | 36.0                      | 82.5                         | 4 900*                       | 72.0                        |
| 74.0                        | 25.3                      | 70.6                         | 3 400*                       | 27.5                      | 73.2                         | 4 000*                       | 30.5                      | 76.6                         | 4 400*                       | 33.3                      | 79.4                         | 4 700*                       | 74.0                        |
| 76.0                        | 21.4                      | 65.8                         | 3 200*                       | 23.9                      | 68.9                         | 3 800*                       | 27.3                      | 72.8                         | 4 300*                       | 30.4                      | 76.1                         | 4 500*                       | 76.0                        |
| 78.0                        | 16.5                      | 59.6                         | 3 100*                       | 19.7                      | 63.6                         | 3 600*                       | 23.8                      | 68.4                         | 4 100*                       | 27.2                      | 72.3                         | 4 400*                       | 78.0                        |
| 80.0                        | 9.3                       | 50.0                         | 2 900*                       | 14.3                      | 56.6                         | 3 400*                       | 19.5                      | 63.1                         | 4 000*                       | 23.5                      | 67.8                         | 4 200*                       | 80.0                        |
| 82.0                        |                           |                              |                              |                           |                              |                              | 14.0                      | 56.0                         | 3 900*                       | 19.3                      | 62.5                         | 4 100*                       | 82.0                        |
| 84.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 13.7                      | 55.2                         | 3 900*                       | 84.0                        |

# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

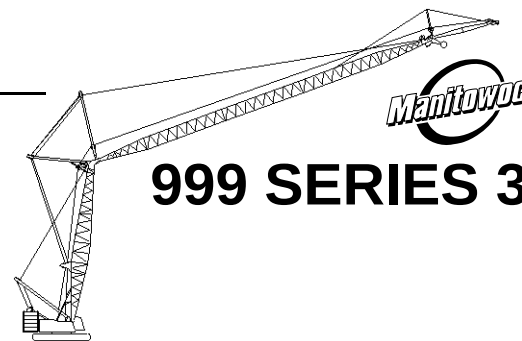
Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 999 SERIES 3

**36.6m (120 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib, 21.3m (70 Ft.) Fixed Jib**

| Fixed Jib<br>Oper.<br>Rad.<br>Meters | 88 Degree<br>Boom Angle            |                                          |                                    | 86 Degree<br>Boom Angle            |                                          |                                    | 83 Degree<br>Boom Angle            |                                          |                                    | 80 Degree<br>Boom Angle            |                                          |                                    | Fixed Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|--------------------------------------|
|                                      | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms |                                      |
| 25.9                                 | 75.0                               | 116.0                                    | 7 700*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 25.9                                 |
| 26.0                                 | 74.9                               | 115.9                                    | 7 700*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 26.0                                 |
| 28.0                                 | 73.4                               | 115.3                                    | 7 600*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 28.0                                 |
| 30.0                                 | 71.9                               | 114.7                                    | 7 500*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 30.0                                 |
| 32.0                                 | 70.4                               | 113.9                                    | 7 400*                             | 71.3                               | 114.3                                    | 8 600*                             |                                    |                                          |                                    |                                    |                                          |                                    | 32.0                                 |
| 34.0                                 | 68.8                               | 113.2                                    | 7 300*                             | 69.8                               | 113.6                                    | 8 400*                             |                                    |                                          |                                    |                                    |                                          |                                    | 34.0                                 |
| 36.0                                 | 67.3                               | 112.3                                    | 7 200*                             | 68.3                               | 112.8                                    | 8 300*                             |                                    |                                          |                                    |                                    |                                          |                                    | 36.0                                 |
| 38.0                                 | 65.7                               | 111.4                                    | 7 000*                             | 66.7                               | 111.9                                    | 8 200*                             | 68.2                               | 112.5                                    | 8 200*                             |                                    |                                          |                                    | 38.0                                 |
| 40.0                                 | 64.1                               | 110.4                                    | 6 900*                             | 65.1                               | 111.0                                    | 8 000*                             | 66.6                               | 111.6                                    | 8 100*                             |                                    |                                          |                                    | 40.0                                 |
| 42.0                                 | 62.5                               | 109.4                                    | 6 800*                             | 63.5                               | 110.0                                    | 7 900*                             | 65.0                               | 110.7                                    | 8 000*                             |                                    |                                          |                                    | 42.0                                 |
| 44.0                                 | 60.8                               | 108.2                                    | 6 700*                             | 61.9                               | 108.9                                    | 7 800*                             | 63.4                               | 109.7                                    | 7 900*                             | 65.0                               | 110.3                                    | 7 900*                             | 44.0                                 |
| 46.0                                 | 59.2                               | 107.0                                    | 6 600*                             | 60.2                               | 107.7                                    | 7 600*                             | 61.8                               | 108.6                                    | 7 700*                             | 63.3                               | 109.3                                    | 7 700*                             | 46.0                                 |
| 48.0                                 | 57.5                               | 105.8                                    | 6 500*                             | 58.6                               | 106.5                                    | 7 500*                             | 60.2                               | 107.5                                    | 7 600*                             | 61.7                               | 108.2                                    | 7 600*                             | 48.0                                 |
| 50.0                                 | 55.7                               | 104.4                                    | 6 400*                             | 56.8                               | 105.2                                    | 7 500*                             | 58.5                               | 106.2                                    | 7 500*                             | 60.1                               | 107.1                                    | 7 500*                             | 50.0                                 |
| 52.0                                 | 54.0                               | 102.9                                    | 6 300*                             | 55.1                               | 103.8                                    | 7 200*                             | 56.8                               | 104.9                                    | 7 400*                             | 58.4                               | 105.8                                    | 7 400*                             | 52.0                                 |
| 54.0                                 | 52.2                               | 101.4                                    | 6 200*                             | 53.3                               | 102.3                                    | 6 900*                             | 55.0                               | 103.5                                    | 7 300*                             | 56.7                               | 104.5                                    | 7 300*                             | 54.0                                 |
| 56.0                                 | 50.3                               | 99.7                                     | 5 900*                             | 51.5                               | 100.7                                    | 6 500*                             | 53.2                               | 102.0                                    | 7 000*                             | 54.9                               | 103.1                                    | 7 200*                             | 56.0                                 |
| 58.0                                 | 48.4                               | 97.9                                     | 5 600*                             | 49.6                               | 99.0                                     | 6 200*                             | 51.4                               | 100.4                                    | 6 600*                             | 53.1                               | 101.6                                    | 7 100*                             | 58.0                                 |
| 60.0                                 | 46.4                               | 96.0                                     | 5 200*                             | 47.7                               | 97.2                                     | 6 000*                             | 49.5                               | 98.7                                     | 6 400*                             | 51.3                               | 100.0                                    | 6 800*                             | 60.0                                 |
| 62.0                                 | 44.4                               | 94.0                                     | 4 900*                             | 45.7                               | 95.2                                     | 5 700*                             | 47.6                               | 96.8                                     | 6 100*                             | 49.4                               | 98.3                                     | 6 500*                             | 62.0                                 |
| 64.0                                 | 42.2                               | 91.8                                     | 4 600*                             | 43.6                               | 93.1                                     | 5 400*                             | 45.6                               | 94.9                                     | 5 800*                             | 47.5                               | 96.4                                     | 6 200*                             | 64.0                                 |
| 66.0                                 | 40.0                               | 89.4                                     | 4 300*                             | 41.4                               | 90.8                                     | 5 200*                             | 43.5                               | 92.8                                     | 5 600*                             | 45.4                               | 94.5                                     | 5 900*                             | 66.0                                 |
| 68.0                                 | 37.7                               | 86.8                                     | 4 100*                             | 39.2                               | 88.4                                     | 4 900*                             | 41.3                               | 90.5                                     | 5 300*                             | 43.4                               | 92.3                                     | 5 700*                             | 68.0                                 |
| 70.0                                 | 35.2                               | 84.0                                     | 3 900*                             | 36.8                               | 85.7                                     | 4 600*                             | 39.1                               | 88.1                                     | 5 100*                             | 41.2                               | 90.1                                     | 5 500*                             | 70.0                                 |
| 72.0                                 | 32.6                               | 80.9                                     | 3 600*                             | 34.3                               | 82.8                                     | 4 300*                             | 36.7                               | 85.4                                     | 4 900*                             | 38.9                               | 87.6                                     | 5 200*                             | 72.0                                 |
| 74.0                                 | 29.7                               | 77.5                                     | 3 500*                             | 31.6                               | 79.6                                     | 4 100*                             | 34.1                               | 82.5                                     | 4 700*                             | 36.5                               | 84.9                                     | 5 000*                             | 74.0                                 |
| 76.0                                 | 26.6                               | 73.6                                     | 3 300*                             | 28.6                               | 76.0                                     | 3 900*                             | 31.4                               | 79.2                                     | 4 500*                             | 34.0                               | 82.0                                     | 4 800*                             | 76.0                                 |
| 78.0                                 | 23.0                               | 69.0                                     | 3 100*                             | 25.3                               | 71.9                                     | 3 600*                             | 28.5                               | 75.6                                     | 4 400*                             | 31.3                               | 78.7                                     | 4 600*                             | 78.0                                 |
| 80.0                                 | 18.8                               | 63.5                                     | 3 000*                             | 21.6                               | 67.1                                     | 3 500*                             | 25.2                               | 71.5                                     | 4 200*                             | 28.3                               | 75.1                                     | 4 500*                             | 80.0                                 |
| 82.0                                 | 13.3                               | 56.1                                     | 2 900*                             | 17.0                               | 61.0                                     | 3 300*                             | 21.4                               | 66.6                                     | 4 100*                             | 25.0                               | 70.9                                     | 4 300*                             | 82.0                                 |
| 84.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 16.8                               | 60.5                                     | 3 800*                             | 21.2                               | 66.0                                     | 4 100*                             | 84.0                                 |
| 86.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 10.1                               | 51.4                                     | 3 300*                             | 16.5                               | 59.8                                     | 3 800*                             | 86.0                                 |
| 88.0                                 |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 9.6                                | 50.4                                     | 3 400*                             | 88.0                                 |



# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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

## 999 SERIES 3

**36.6m (120 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib, 21.3m (70 Ft.) Fixed Jib**

| Fixed Jib Oper. Rad. Meters | 88 Degree Boom Angle      |                              |                              | 86 Degree Boom Angle      |                              |                              | 83 Degree Boom Angle      |                              |                              | 80 Degree Boom Angle      |                              |                              | Fixed Jib Oper. Rad. Meters |
|-----------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|-----------------------------|
|                             | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms |                             |
| 27.4                        | 74.4                      | 118.7                        | 7 400*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 27.4                        |
| 28.0                        | 74.0                      | 118.5                        | 7 400*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 28.0                        |
| 30.0                        | 72.6                      | 117.9                        | 7 300*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 30.0                        |
| 32.0                        | 71.1                      | 117.2                        | 7 200*                       | 72.0                      | 117.6                        | 8 300*                       |                           |                              |                              |                           |                              |                              | 32.0                        |
| 34.0                        | 69.6                      | 116.4                        | 7 100*                       | 70.6                      | 116.8                        | 8 200*                       |                           |                              |                              |                           |                              |                              | 34.0                        |
| 36.0                        | 68.2                      | 115.6                        | 7 000*                       | 69.1                      | 116.1                        | 8 200*                       |                           |                              |                              |                           |                              |                              | 36.0                        |
| 38.0                        | 66.6                      | 114.8                        | 6 900*                       | 67.6                      | 115.2                        | 8 000*                       |                           |                              |                              |                           |                              |                              | 38.0                        |
| 40.0                        | 65.1                      | 113.8                        | 6 800*                       | 66.1                      | 114.3                        | 8 000*                       | 67.5                      | 115.0                        | 7 900*                       |                           |                              |                              | 40.0                        |
| 42.0                        | 63.6                      | 112.8                        | 6 700*                       | 64.6                      | 113.4                        | 7 800*                       | 66.0                      | 114.1                        | 7 800*                       |                           |                              |                              | 42.0                        |
| 44.0                        | 62.0                      | 111.7                        | 6 600*                       | 63.0                      | 112.3                        | 7 700*                       | 64.5                      | 113.1                        | 7 700*                       | 65.9                      | 113.7                        | 7 700*                       | 44.0                        |
| 46.0                        | 60.4                      | 110.6                        | 6 500*                       | 61.4                      | 111.3                        | 7 600*                       | 62.9                      | 112.1                        | 7 600*                       | 64.4                      | 112.7                        | 7 600*                       | 46.0                        |
| 48.0                        | 58.8                      | 109.4                        | 6 400*                       | 59.9                      | 110.1                        | 7 400*                       | 61.4                      | 111.0                        | 7 500*                       | 62.9                      | 111.7                        | 7 500*                       | 48.0                        |
| 50.0                        | 57.2                      | 108.1                        | 6 300*                       | 58.2                      | 108.8                        | 7 300*                       | 59.8                      | 109.8                        | 7 400*                       | 61.3                      | 110.6                        | 7 400*                       | 50.0                        |
| 52.0                        | 55.5                      | 106.7                        | 6 200*                       | 56.6                      | 107.5                        | 7 000*                       | 58.1                      | 108.6                        | 7 300*                       | 59.7                      | 109.4                        | 7 400*                       | 52.0                        |
| 54.0                        | 53.8                      | 105.2                        | 6 100*                       | 54.9                      | 106.1                        | 6 700*                       | 56.5                      | 107.2                        | 7 100*                       | 58.1                      | 108.2                        | 7 200*                       | 54.0                        |
| 56.0                        | 52.0                      | 103.7                        | 5 800*                       | 53.2                      | 104.6                        | 6 400*                       | 54.8                      | 105.8                        | 6 800*                       | 56.4                      | 106.8                        | 7 100*                       | 56.0                        |
| 58.0                        | 50.2                      | 102.0                        | 5 500*                       | 51.4                      | 103.0                        | 6 100*                       | 53.1                      | 104.3                        | 6 500*                       | 54.7                      | 105.4                        | 6 800*                       | 58.0                        |
| 60.0                        | 48.4                      | 100.2                        | 5 200*                       | 49.6                      | 101.3                        | 5 800*                       | 51.3                      | 102.7                        | 6 200*                       | 53.0                      | 103.9                        | 6 500*                       | 60.0                        |
| 62.0                        | 46.5                      | 98.3                         | 4 900*                       | 47.7                      | 99.5                         | 5 500*                       | 49.5                      | 101.0                        | 5 900*                       | 51.2                      | 102.3                        | 6 200*                       | 62.0                        |
| 64.0                        | 44.5                      | 96.3                         | 4 600*                       | 45.8                      | 97.5                         | 5 300*                       | 47.6                      | 99.1                         | 5 600*                       | 49.4                      | 100.6                        | 6 000*                       | 64.0                        |
| 66.0                        | 42.5                      | 94.1                         | 4 300*                       | 43.8                      | 95.4                         | 5 100*                       | 45.7                      | 97.2                         | 5 400*                       | 47.5                      | 98.7                         | 5 700*                       | 66.0                        |
| 68.0                        | 40.4                      | 91.8                         | 4 100*                       | 41.7                      | 93.2                         | 4 900*                       | 43.7                      | 95.1                         | 5 200*                       | 45.6                      | 96.8                         | 5 500*                       | 68.0                        |
| 70.0                        | 38.1                      | 89.2                         | 3 900*                       | 39.6                      | 90.8                         | 4 700*                       | 41.6                      | 92.9                         | 5 000*                       | 43.6                      | 94.7                         | 5 300*                       | 70.0                        |
| 72.0                        | 35.8                      | 86.5                         | 3 700*                       | 37.3                      | 88.2                         | 4 400*                       | 39.5                      | 90.4                         | 4 800*                       | 41.5                      | 92.4                         | 5 100*                       | 72.0                        |
| 74.0                        | 33.3                      | 83.5                         | 3 500*                       | 34.9                      | 85.3                         | 4 200*                       | 37.2                      | 87.8                         | 4 600*                       | 39.3                      | 90.0                         | 4 900*                       | 74.0                        |
| 76.0                        | 30.6                      | 80.1                         | 3 300*                       | 32.4                      | 82.2                         | 3 900*                       | 34.8                      | 85.0                         | 4 400*                       | 37.1                      | 87.3                         | 4 700*                       | 76.0                        |
| 78.0                        | 27.7                      | 76.4                         | 3 100*                       | 29.6                      | 78.7                         | 3 700*                       | 32.2                      | 81.8                         | 4 300*                       | 34.7                      | 84.5                         | 4 500*                       | 78.0                        |
| 80.0                        | 24.5                      | 72.1                         | 3 000*                       | 26.6                      | 74.8                         | 3 500*                       | 29.5                      | 78.3                         | 4 100*                       | 32.1                      | 81.3                         | 4 300*                       | 80.0                        |
| 82.0                        | 20.7                      | 67.1                         | 2 800*                       | 23.2                      | 70.3                         | 3 300*                       | 26.4                      | 74.4                         | 3 900*                       | 29.3                      | 77.8                         | 4 200*                       | 82.0                        |
| 84.0                        | 16.1                      | 60.7                         | 2 700*                       | 19.2                      | 64.9                         | 3 200*                       | 23.0                      | 69.9                         | 3 600*                       | 26.2                      | 73.9                         | 3 800*                       | 84.0                        |
| 86.0                        |                           |                              |                              | 14.1                      | 57.8                         | 2 900*                       | 19.0                      | 64.4                         | 3 300*                       | 22.8                      | 69.3                         | 3 500*                       | 86.0                        |
| 88.0                        |                           |                              |                              |                           |                              |                              | 13.8                      | 57.1                         | 3 000*                       | 18.7                      | 63.7                         | 3 300*                       | 88.0                        |
| 90.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 13.4                      | 56.3                         | 3 000*                       | 90.0                        |

# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

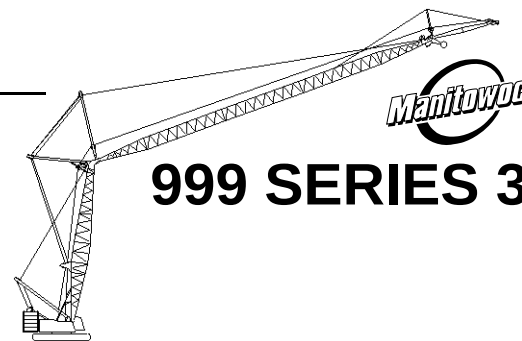
Designed And Tested  
With The Intent To  
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ANSI B30.5



## 999 SERIES 3

**36.6m (120 Ft.) Boom, 64.0m (210 Ft.) Luffing Jib, 21.3m (70 Ft.) Fixed Jib**

| Fixed Jib<br>Oper.<br>Rad.<br>Meters | 88 Degree<br>Boom Angle            |                                          |                                    | 86 Degree<br>Boom Angle            |                                          |                                    | 83 Degree<br>Boom Angle            |                                          |                                    | 80 Degree<br>Boom Angle            |                                          |                                    | Fixed Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|--------------------------------------|
|                                      | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms |                                      |
| 29.0                                 | 73.9                               | 121.4                                    | 7 100*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 29.0                                 |
| 30.0                                 | 73.2                               | 121.1                                    | 7 100*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 30.0                                 |
| 32.0                                 | 71.8                               | 120.4                                    | 7 000*                             | 72.7                               | 120.8                                    | 8 100*                             |                                    |                                          |                                    |                                    |                                          |                                    | 32.0                                 |
| 34.0                                 | 70.4                               | 119.7                                    | 6 900*                             | 71.3                               | 120.1                                    | 8 000*                             |                                    |                                          |                                    |                                    |                                          |                                    | 34.0                                 |
| 36.0                                 | 69.0                               | 118.9                                    | 6 800*                             | 69.9                               | 119.3                                    | 7 900*                             |                                    |                                          |                                    |                                    |                                          |                                    | 36.0                                 |
| 38.0                                 | 67.5                               | 118.1                                    | 6 700*                             | 68.4                               | 118.5                                    | 7 800*                             |                                    |                                          |                                    |                                    |                                          |                                    | 38.0                                 |
| 40.0                                 | 66.1                               | 117.2                                    | 6 600*                             | 67.0                               | 117.7                                    | 7 700*                             | 68.4                               | 118.3                                    | 7 700*                             |                                    |                                          |                                    | 40.0                                 |
| 42.0                                 | 64.6                               | 116.2                                    | 6 500*                             | 65.5                               | 116.8                                    | 7 600*                             | 66.9                               | 117.4                                    | 7 600*                             |                                    |                                          |                                    | 42.0                                 |
| 44.0                                 | 63.1                               | 115.2                                    | 6 500*                             | 64.1                               | 115.8                                    | 7 500*                             | 65.5                               | 116.5                                    | 7 500*                             |                                    |                                          |                                    | 44.0                                 |
| 46.0                                 | 61.6                               | 114.1                                    | 6 400*                             | 62.6                               | 114.7                                    | 7 400*                             | 64.0                               | 115.5                                    | 7 500*                             | 65.4                               | 116.1                                    | 7 400*                             | 46.0                                 |
| 48.0                                 | 60.0                               | 113.0                                    | 6 300*                             | 61.0                               | 113.6                                    | 7 300*                             | 62.5                               | 114.5                                    | 7 300*                             | 63.9                               | 115.1                                    | 7 300*                             | 48.0                                 |
| 50.0                                 | 58.5                               | 111.7                                    | 6 200*                             | 59.5                               | 112.4                                    | 7 000*                             | 61.0                               | 113.3                                    | 7 300*                             | 62.4                               | 114.1                                    | 7 300*                             | 50.0                                 |
| 52.0                                 | 56.9                               | 110.4                                    | 6 200*                             | 57.9                               | 111.2                                    | 6 600*                             | 59.4                               | 112.2                                    | 7 100*                             | 60.9                               | 113.0                                    | 7 200*                             | 52.0                                 |
| 54.0                                 | 55.3                               | 109.0                                    | 6 000*                             | 56.3                               | 109.8                                    | 6 300*                             | 57.8                               | 110.9                                    | 6 700*                             | 59.3                               | 111.8                                    | 7 100*                             | 54.0                                 |
| 56.0                                 | 53.6                               | 107.5                                    | 5 700*                             | 54.7                               | 108.4                                    | 6 000*                             | 56.2                               | 109.5                                    | 6 400*                             | 57.7                               | 110.5                                    | 6 800*                             | 56.0                                 |
| 58.0                                 | 51.9                               | 106.0                                    | 5 400*                             | 53.0                               | 106.9                                    | 5 700*                             | 54.6                               | 108.1                                    | 6 200*                             | 56.1                               | 109.1                                    | 6 500*                             | 58.0                                 |
| 60.0                                 | 50.2                               | 104.3                                    | 5 100*                             | 51.3                               | 105.3                                    | 5 500*                             | 52.9                               | 106.6                                    | 5 900*                             | 54.5                               | 107.7                                    | 6 200*                             | 60.0                                 |
| 62.0                                 | 48.4                               | 102.5                                    | 4 900*                             | 49.6                               | 103.6                                    | 5 300*                             | 51.2                               | 105.0                                    | 5 600*                             | 52.8                               | 106.2                                    | 5 900*                             | 62.0                                 |
| 64.0                                 | 46.6                               | 100.6                                    | 4 600*                             | 47.8                               | 101.8                                    | 5 000*                             | 49.5                               | 103.3                                    | 5 300*                             | 51.1                               | 104.6                                    | 5 700*                             | 64.0                                 |
| 66.0                                 | 44.7                               | 98.6                                     | 4 300*                             | 45.9                               | 99.8                                     | 4 800*                             | 47.7                               | 101.5                                    | 5 100*                             | 49.4                               | 102.9                                    | 5 400*                             | 66.0                                 |
| 68.0                                 | 42.7                               | 96.5                                     | 4 100*                             | 44.0                               | 97.8                                     | 4 600*                             | 45.8                               | 99.5                                     | 4 900*                             | 47.6                               | 101.0                                    | 5 200*                             | 68.0                                 |
| 70.0                                 | 40.7                               | 94.1                                     | 3 900*                             | 42.0                               | 95.5                                     | 4 400*                             | 43.9                               | 97.4                                     | 4 700*                             | 45.7                               | 99.1                                     | 5 000*                             | 70.0                                 |
| 72.0                                 | 38.6                               | 91.6                                     | 3 700*                             | 39.9                               | 93.2                                     | 4 300*                             | 41.9                               | 95.2                                     | 4 500*                             | 43.8                               | 97.0                                     | 4 800*                             | 72.0                                 |
| 74.0                                 | 36.3                               | 88.9                                     | 3 500*                             | 37.8                               | 90.6                                     | 4 100*                             | 39.8                               | 92.8                                     | 4 400*                             | 41.8                               | 94.8                                     | 4 600*                             | 74.0                                 |
| 76.0                                 | 34.0                               | 86.0                                     | 3 300*                             | 35.5                               | 87.8                                     | 4 000*                             | 37.7                               | 90.2                                     | 4 200*                             | 39.7                               | 92.4                                     | 4 400*                             | 76.0                                 |
| 78.0                                 | 31.5                               | 82.8                                     | 3 100*                             | 33.1                               | 84.8                                     | 3 700*                             | 35.4                               | 87.4                                     | 4 000*                             | 37.5                               | 89.8                                     | 4 300*                             | 78.0                                 |
| 80.0                                 | 28.7                               | 79.2                                     | 3 000*                             | 30.5                               | 81.4                                     | 3 600*                             | 33.0                               | 84.4                                     | 3 900*                             | 35.3                               | 87.0                                     | 4 100*                             | 80.0                                 |
| 82.0                                 | 25.7                               | 75.1                                     | 2 800*                             | 27.7                               | 77.7                                     | 3 300*                             | 30.4                               | 81.0                                     | 3 600*                             | 32.8                               | 83.9                                     | 3 900*                             | 82.0                                 |
| 84.0                                 | 22.3                               | 70.4                                     | 2 700*                             | 24.5                               | 73.4                                     | 3 100*                             | 27.5                               | 77.3                                     | 3 300*                             | 30.2                               | 80.5                                     | 3 600*                             | 84.0                                 |
| 86.0                                 | 18.3                               | 64.8                                     | 2 500*                             | 21.0                               | 68.4                                     | 2 800*                             | 24.4                               | 73.0                                     | 3 000*                             | 27.4                               | 76.7                                     | 3 300*                             | 86.0                                 |
| 88.0                                 | 13.1                               | 57.2                                     | 2 100*                             | 16.6                               | 62.2                                     | 2 500*                             | 20.8                               | 67.9                                     | 2 800*                             | 24.2                               | 72.4                                     | 3 000*                             | 88.0                                 |
| 90.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 16.4                               | 61.6                                     | 2 500*                             | 20.5                               | 67.3                                     | 2 800*                             | 90.0                                 |
| 92.0                                 |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 16.1                               | 60.9                                     | 2 500*                             | 92.0                                 |
| 94.0                                 |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 9.7                                | 51.5                                     | 2 100*                             | 94.0                                 |



# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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

## 999 SERIES 3

**36.6m (120 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib, 24.4m (80 Ft.) Fixed Jib**

| Fixed Jib Oper. Rad. Meters | 88 Degree Boom Angle      |                              |                              | 86 Degree Boom Angle      |                              |                              | 83 Degree Boom Angle      |                              |                              | 80 Degree Boom Angle      |                              |                              | Fixed Jib Oper. Rad. Meters |
|-----------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|-----------------------------|
|                             | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms |                             |
| 25.9                        | 74.1                      | 112.8                        | 6 300*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 25.9                        |
| 26.0                        | 74.0                      | 112.8                        | 6 300*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 26.0                        |
| 28.0                        | 72.4                      | 112.2                        | 6 200*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 28.0                        |
| 30.0                        | 70.9                      | 111.5                        | 6 100*                       | 71.9                      | 111.8                        | 7 100*                       |                           |                              |                              |                           |                              |                              | 30.0                        |
| 32.0                        | 69.3                      | 110.7                        | 6 000*                       | 70.3                      | 111.1                        | 6 900*                       |                           |                              |                              |                           |                              |                              | 32.0                        |
| 34.0                        | 67.7                      | 109.9                        | 5 800*                       | 68.7                      | 110.3                        | 6 800*                       |                           |                              |                              |                           |                              |                              | 34.0                        |
| 36.0                        | 66.0                      | 109.0                        | 5 700*                       | 67.1                      | 109.5                        | 6 700*                       | 68.6                      | 110.1                        | 6 700*                       |                           |                              |                              | 36.0                        |
| 38.0                        | 64.4                      | 108.0                        | 5 600*                       | 65.5                      | 108.6                        | 6 500*                       | 67.0                      | 109.2                        | 6 600*                       |                           |                              |                              | 38.0                        |
| 40.0                        | 62.7                      | 107.0                        | 5 500*                       | 63.8                      | 107.6                        | 6 400*                       | 65.4                      | 108.3                        | 6 500*                       |                           |                              |                              | 40.0                        |
| 42.0                        | 61.0                      | 105.9                        | 5 400*                       | 62.1                      | 106.5                        | 6 200*                       | 63.7                      | 107.3                        | 6 300*                       | 65.3                      | 107.9                        | 6 400*                       | 42.0                        |
| 44.0                        | 59.3                      | 104.7                        | 5 300*                       | 60.4                      | 105.4                        | 6 100*                       | 62.0                      | 106.3                        | 6 200*                       | 63.6                      | 106.9                        | 6 300*                       | 44.0                        |
| 46.0                        | 57.5                      | 103.5                        | 5 200*                       | 58.7                      | 104.2                        | 6 000*                       | 60.3                      | 105.1                        | 6 100*                       | 61.9                      | 105.9                        | 6 200*                       | 46.0                        |
| 48.0                        | 55.7                      | 102.1                        | 5 100*                       | 56.9                      | 102.9                        | 5 900*                       | 58.6                      | 103.9                        | 5 900*                       | 60.2                      | 104.7                        | 6 000*                       | 48.0                        |
| 50.0                        | 53.9                      | 100.7                        | 5 000*                       | 55.1                      | 101.5                        | 5 800*                       | 56.8                      | 102.6                        | 5 900*                       | 58.5                      | 103.5                        | 5 900*                       | 50.0                        |
| 52.0                        | 52.0                      | 99.1                         | 4 900*                       | 53.2                      | 100.0                        | 5 700*                       | 55.0                      | 101.2                        | 5 700*                       | 56.7                      | 102.2                        | 5 800*                       | 52.0                        |
| 54.0                        | 50.1                      | 97.4                         | 4 800*                       | 51.3                      | 98.4                         | 5 600*                       | 53.1                      | 99.7                         | 5 600*                       | 54.9                      | 100.8                        | 5 700*                       | 54.0                        |
| 56.0                        | 48.1                      | 95.7                         | 4 700*                       | 49.4                      | 96.7                         | 5 400*                       | 51.2                      | 98.1                         | 5 500*                       | 53.0                      | 99.3                         | 5 600*                       | 56.0                        |
| 58.0                        | 46.0                      | 93.7                         | 4 700*                       | 47.4                      | 94.9                         | 5 300*                       | 49.3                      | 96.4                         | 5 400*                       | 51.1                      | 97.7                         | 5 500*                       | 58.0                        |
| 60.0                        | 43.9                      | 91.7                         | 4 500*                       | 45.3                      | 92.9                         | 5 200*                       | 47.3                      | 94.6                         | 5 300*                       | 49.2                      | 96.0                         | 5 400*                       | 60.0                        |
| 62.0                        | 41.7                      | 89.5                         | 4 500*                       | 43.1                      | 90.8                         | 5 200*                       | 45.2                      | 92.6                         | 5 200*                       | 47.1                      | 94.2                         | 5 300*                       | 62.0                        |
| 64.0                        | 39.4                      | 87.1                         | 4 400*                       | 40.9                      | 88.5                         | 5 000*                       | 43.0                      | 90.5                         | 5 100*                       | 45.1                      | 92.2                         | 5 200*                       | 64.0                        |
| 66.0                        | 36.9                      | 84.4                         | 4 200*                       | 38.5                      | 86.0                         | 4 800*                       | 40.7                      | 88.2                         | 5 100*                       | 42.9                      | 90.0                         | 5 100*                       | 66.0                        |
| 68.0                        | 34.3                      | 81.6                         | 3 900*                       | 36.0                      | 83.3                         | 4 600*                       | 38.4                      | 85.7                         | 4 900*                       | 40.6                      | 87.7                         | 5 000*                       | 68.0                        |
| 70.0                        | 31.5                      | 78.4                         | 3 700*                       | 33.3                      | 80.4                         | 4 400*                       | 35.9                      | 83.0                         | 4 600*                       | 38.2                      | 85.2                         | 4 900*                       | 70.0                        |
| 72.0                        | 28.5                      | 74.8                         | 3 500*                       | 30.4                      | 77.0                         | 4 100*                       | 33.2                      | 80.0                         | 4 500*                       | 35.7                      | 82.5                         | 4 700*                       | 72.0                        |
| 74.0                        | 25.1                      | 70.7                         | 3 300*                       | 27.3                      | 73.3                         | 3 800*                       | 30.3                      | 76.7                         | 4 300*                       | 33.0                      | 79.5                         | 4 500*                       | 74.0                        |
| 76.0                        | 21.1                      | 65.8                         | 3 100*                       | 23.7                      | 68.9                         | 3 600*                       | 27.1                      | 72.9                         | 4 000*                       | 30.1                      | 76.1                         | 4 300*                       | 76.0                        |
| 78.0                        | 16.3                      | 59.7                         | 3 000*                       | 19.5                      | 63.7                         | 3 400*                       | 23.5                      | 68.5                         | 3 900*                       | 26.9                      | 72.3                         | 4 100*                       | 78.0                        |
| 80.0                        | 9.1                       | 50.2                         | 2 900*                       | 14.2                      | 56.7                         | 3 300*                       | 19.3                      | 63.2                         | 3 700*                       | 23.3                      | 67.9                         | 4 000*                       | 80.0                        |
| 82.0                        |                           |                              |                              |                           |                              |                              | 13.8                      | 56.1                         | 3 600*                       | 19.0                      | 62.5                         | 3 800*                       | 82.0                        |
| 84.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 13.5                      | 55.3                         | 3 700*                       | 84.0                        |

# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

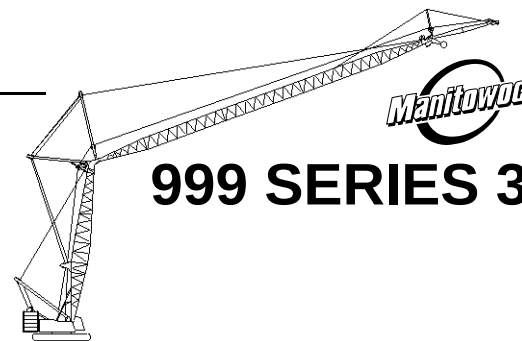
Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 999 SERIES 3

**36.6m (120 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib, 24.4m (80 Ft.) Fixed Jib**

| Fixed Jib<br>Oper.<br>Rad.<br>Meters | 88 Degree<br>Boom Angle            |                                          |                                    | 86 Degree<br>Boom Angle            |                                          |                                    | 83 Degree<br>Boom Angle            |                                          |                                    | 80 Degree<br>Boom Angle            |                                          |                                    | Fixed Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|--------------------------------------|
|                                      | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms |                                      |
| 25.9                                 | 74.7                               | 116.0                                    | 6 300*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 25.9                                 |
| 26.0                                 | 74.6                               | 116.0                                    | 6 200*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 26.0                                 |
| 28.0                                 | 73.1                               | 115.4                                    | 6 100*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 28.0                                 |
| 30.0                                 | 71.6                               | 114.7                                    | 6 000*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 30.0                                 |
| 32.0                                 | 70.1                               | 114.0                                    | 5 900*                             | 71.1                               | 114.3                                    | 6 800*                             |                                    |                                          |                                    |                                    |                                          |                                    | 32.0                                 |
| 34.0                                 | 68.6                               | 113.2                                    | 5 800*                             | 69.6                               | 113.6                                    | 6 700*                             |                                    |                                          |                                    |                                    |                                          |                                    | 34.0                                 |
| 36.0                                 | 67.0                               | 112.3                                    | 5 700*                             | 68.0                               | 112.8                                    | 6 600*                             |                                    |                                          |                                    |                                    |                                          |                                    | 36.0                                 |
| 38.0                                 | 65.4                               | 111.4                                    | 5 600*                             | 66.4                               | 111.9                                    | 6 400*                             | 67.9                               | 112.5                                    | 6 500*                             |                                    |                                          |                                    | 38.0                                 |
| 40.0                                 | 63.9                               | 110.4                                    | 5 500*                             | 64.9                               | 111.0                                    | 6 300*                             | 66.4                               | 111.7                                    | 6 400*                             |                                    |                                          |                                    | 40.0                                 |
| 42.0                                 | 62.2                               | 109.4                                    | 5 300*                             | 63.3                               | 110.0                                    | 6 200*                             | 64.8                               | 110.7                                    | 6 300*                             | 66.3                               | 111.3                                    | 6 300*                             | 42.0                                 |
| 44.0                                 | 60.6                               | 108.3                                    | 5 300*                             | 61.6                               | 108.9                                    | 6 100*                             | 63.2                               | 109.7                                    | 6 100*                             | 64.7                               | 110.3                                    | 6 200*                             | 44.0                                 |
| 46.0                                 | 58.9                               | 107.1                                    | 5 100*                             | 60.0                               | 107.8                                    | 6 000*                             | 61.6                               | 108.6                                    | 6 100*                             | 63.1                               | 109.3                                    | 6 100*                             | 46.0                                 |
| 48.0                                 | 57.2                               | 105.8                                    | 5 000*                             | 58.3                               | 106.5                                    | 5 800*                             | 59.9                               | 107.5                                    | 6 000*                             | 61.5                               | 108.3                                    | 6 000*                             | 48.0                                 |
| 50.0                                 | 55.5                               | 104.4                                    | 5 000*                             | 56.6                               | 105.2                                    | 5 700*                             | 58.2                               | 106.2                                    | 5 800*                             | 59.8                               | 107.1                                    | 5 900*                             | 50.0                                 |
| 52.0                                 | 53.7                               | 103.0                                    | 4 900*                             | 54.9                               | 103.8                                    | 5 700*                             | 56.5                               | 104.9                                    | 5 700*                             | 58.1                               | 105.9                                    | 5 700*                             | 52.0                                 |
| 54.0                                 | 51.9                               | 101.4                                    | 4 800*                             | 53.1                               | 102.3                                    | 5 500*                             | 54.8                               | 103.5                                    | 5 600*                             | 56.4                               | 104.5                                    | 5 700*                             | 54.0                                 |
| 56.0                                 | 50.0                               | 99.7                                     | 4 700*                             | 51.2                               | 100.7                                    | 5 400*                             | 53.0                               | 102.0                                    | 5 500*                             | 54.7                               | 103.1                                    | 5 500*                             | 56.0                                 |
| 58.0                                 | 48.1                               | 98.0                                     | 4 600*                             | 49.4                               | 99.0                                     | 5 300*                             | 51.1                               | 100.4                                    | 5 400*                             | 52.9                               | 101.6                                    | 5 400*                             | 58.0                                 |
| 60.0                                 | 46.2                               | 96.1                                     | 4 500*                             | 47.4                               | 97.2                                     | 5 200*                             | 49.3                               | 98.7                                     | 5 300*                             | 51.0                               | 100.0                                    | 5 400*                             | 60.0                                 |
| 62.0                                 | 44.1                               | 94.0                                     | 4 500*                             | 45.4                               | 95.2                                     | 5 100*                             | 47.3                               | 96.9                                     | 5 200*                             | 49.2                               | 98.3                                     | 5 300*                             | 62.0                                 |
| 64.0                                 | 42.0                               | 91.8                                     | 4 400*                             | 43.3                               | 93.1                                     | 4 800*                             | 45.3                               | 94.9                                     | 5 100*                             | 47.2                               | 96.5                                     | 5 200*                             | 64.0                                 |
| 66.0                                 | 39.8                               | 89.4                                     | 4 300*                             | 41.2                               | 90.9                                     | 4 600*                             | 43.2                               | 92.8                                     | 4 900*                             | 45.2                               | 94.5                                     | 5 100*                             | 66.0                                 |
| 68.0                                 | 37.4                               | 86.9                                     | 4 000*                             | 38.9                               | 88.4                                     | 4 400*                             | 41.1                               | 90.5                                     | 4 700*                             | 43.1                               | 92.4                                     | 5 000*                             | 68.0                                 |
| 70.0                                 | 35.0                               | 84.1                                     | 3 800*                             | 36.6                               | 85.8                                     | 4 200*                             | 38.8                               | 88.1                                     | 4 500*                             | 41.0                               | 90.1                                     | 4 800*                             | 70.0                                 |
| 72.0                                 | 32.3                               | 81.0                                     | 3 500*                             | 34.0                               | 82.9                                     | 4 000*                             | 36.4                               | 85.4                                     | 4 300*                             | 38.7                               | 87.6                                     | 4 500*                             | 72.0                                 |
| 74.0                                 | 29.5                               | 77.5                                     | 3 300*                             | 31.3                               | 79.7                                     | 3 800*                             | 33.9                               | 82.5                                     | 4 100*                             | 36.3                               | 85.0                                     | 4 400*                             | 74.0                                 |
| 76.0                                 | 26.3                               | 73.6                                     | 3 100*                             | 28.4                               | 76.1                                     | 3 700*                             | 31.2                               | 79.3                                     | 3 900*                             | 33.8                               | 82.0                                     | 4 100*                             | 76.0                                 |
| 78.0                                 | 22.8                               | 69.1                                     | 3 000*                             | 25.1                               | 72.0                                     | 3 500*                             | 28.2                               | 75.7                                     | 3 700*                             | 31.0                               | 78.8                                     | 4 000*                             | 78.0                                 |
| 80.0                                 | 18.6                               | 63.6                                     | 2 800*                             | 21.4                               | 67.1                                     | 3 300*                             | 25.0                               | 71.5                                     | 3 600*                             | 28.1                               | 75.1                                     | 3 800*                             | 80.0                                 |
| 82.0                                 | 13.1                               | 56.2                                     | 2 800*                             | 16.8                               | 61.1                                     | 3 200*                             | 21.2                               | 66.7                                     | 3 500*                             | 24.8                               | 71.0                                     | 3 700*                             | 82.0                                 |
| 84.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 16.6                               | 60.6                                     | 3 300*                             | 21.0                               | 66.0                                     | 3 500*                             | 84.0                                 |
| 86.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 10.0                               | 51.6                                     | 3 100*                             | 16.3                               | 59.8                                     | 3 400*                             | 86.0                                 |
| 88.0                                 |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 9.5                                | 50.5                                     | 3 200*                             | 88.0                                 |



# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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

## 999 SERIES 3

**36.6m (120 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib, 24.4m (80 Ft.) Fixed Jib**

| Fixed Jib Oper. Rad. Meters | 88 Degree Boom Angle      |                              |                              | 86 Degree Boom Angle      |                              |                              | 83 Degree Boom Angle      |                              |                              | 80 Degree Boom Angle      |                              |                              | Fixed Jib Oper. Rad. Meters |
|-----------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|-----------------------------|
|                             | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms |                             |
| 27.4                        | 74.2                      | 118.7                        | 6 100*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 27.4                        |
| 28.0                        | 73.8                      | 118.5                        | 6 000*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 28.0                        |
| 30.0                        | 72.3                      | 117.9                        | 5 900*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 30.0                        |
| 32.0                        | 70.9                      | 117.2                        | 5 800*                       | 71.8                      | 117.6                        | 6 800*                       |                           |                              |                              |                           |                              |                              | 32.0                        |
| 34.0                        | 69.4                      | 116.5                        | 5 700*                       | 70.3                      | 116.9                        | 6 600*                       |                           |                              |                              |                           |                              |                              | 34.0                        |
| 36.0                        | 67.9                      | 115.7                        | 5 600*                       | 68.9                      | 116.1                        | 6 500*                       |                           |                              |                              |                           |                              |                              | 36.0                        |
| 38.0                        | 66.4                      | 114.8                        | 5 500*                       | 67.4                      | 115.3                        | 6 400*                       | 68.8                      | 115.8                        | 6 400*                       |                           |                              |                              | 38.0                        |
| 40.0                        | 64.9                      | 113.8                        | 5 400*                       | 65.9                      | 114.4                        | 6 300*                       | 67.3                      | 115.0                        | 6 300*                       |                           |                              |                              | 40.0                        |
| 42.0                        | 63.3                      | 112.8                        | 5 300*                       | 64.3                      | 113.4                        | 6 200*                       | 65.8                      | 114.1                        | 6 200*                       |                           |                              |                              | 42.0                        |
| 44.0                        | 61.8                      | 111.8                        | 5 200*                       | 62.8                      | 112.4                        | 6 000*                       | 64.3                      | 113.1                        | 6 100*                       | 65.7                      | 113.7                        | 6 100*                       | 44.0                        |
| 46.0                        | 60.2                      | 110.6                        | 5 100*                       | 61.2                      | 111.3                        | 5 900*                       | 62.7                      | 112.1                        | 6 000*                       | 64.2                      | 112.8                        | 6 000*                       | 46.0                        |
| 48.0                        | 58.6                      | 109.4                        | 5 000*                       | 59.6                      | 110.1                        | 5 800*                       | 61.1                      | 111.0                        | 5 900*                       | 62.6                      | 111.7                        | 5 900*                       | 48.0                        |
| 50.0                        | 56.9                      | 108.1                        | 4 900*                       | 58.0                      | 108.9                        | 5 700*                       | 59.5                      | 109.8                        | 5 800*                       | 61.0                      | 110.6                        | 5 900*                       | 50.0                        |
| 52.0                        | 55.3                      | 106.7                        | 4 800*                       | 56.3                      | 107.5                        | 5 600*                       | 57.9                      | 108.6                        | 5 700*                       | 59.4                      | 109.4                        | 5 700*                       | 52.0                        |
| 54.0                        | 53.6                      | 105.3                        | 4 800*                       | 54.6                      | 106.1                        | 5 500*                       | 56.3                      | 107.3                        | 5 600*                       | 57.8                      | 108.2                        | 5 600*                       | 54.0                        |
| 56.0                        | 51.8                      | 103.7                        | 4 700*                       | 52.9                      | 104.6                        | 5 400*                       | 54.6                      | 105.8                        | 5 500*                       | 56.2                      | 106.9                        | 5 600*                       | 56.0                        |
| 58.0                        | 50.0                      | 102.0                        | 4 600*                       | 51.2                      | 103.0                        | 5 300*                       | 52.8                      | 104.3                        | 5 400*                       | 54.5                      | 105.4                        | 5 400*                       | 58.0                        |
| 60.0                        | 48.2                      | 100.3                        | 4 500*                       | 49.3                      | 101.3                        | 5 200*                       | 51.1                      | 102.7                        | 5 300*                       | 52.7                      | 103.9                        | 5 300*                       | 60.0                        |
| 62.0                        | 46.3                      | 98.4                         | 4 400*                       | 47.5                      | 99.5                         | 5 200*                       | 49.3                      | 101.0                        | 5 200*                       | 51.0                      | 102.3                        | 5 200*                       | 62.0                        |
| 64.0                        | 44.3                      | 96.3                         | 4 300*                       | 45.6                      | 97.5                         | 5 100*                       | 47.4                      | 99.2                         | 5 200*                       | 49.2                      | 100.6                        | 5 200*                       | 64.0                        |
| 66.0                        | 42.3                      | 94.2                         | 4 300*                       | 43.6                      | 95.5                         | 4 800*                       | 45.5                      | 97.2                         | 5 000*                       | 47.3                      | 98.8                         | 5 100*                       | 66.0                        |
| 68.0                        | 40.1                      | 91.8                         | 4 100*                       | 41.5                      | 93.2                         | 4 600*                       | 43.5                      | 95.1                         | 5 000*                       | 45.4                      | 96.8                         | 5 000*                       | 68.0                        |
| 70.0                        | 37.9                      | 89.3                         | 3 800*                       | 39.3                      | 90.8                         | 4 400*                       | 41.4                      | 92.9                         | 4 700*                       | 43.4                      | 94.7                         | 4 900*                       | 70.0                        |
| 72.0                        | 35.6                      | 86.5                         | 3 600*                       | 37.1                      | 88.2                         | 4 200*                       | 39.2                      | 90.5                         | 4 500*                       | 41.3                      | 92.4                         | 4 800*                       | 72.0                        |
| 74.0                        | 33.1                      | 83.5                         | 3 400*                       | 34.7                      | 85.4                         | 4 000*                       | 37.0                      | 87.9                         | 4 300*                       | 39.1                      | 90.0                         | 4 600*                       | 74.0                        |
| 76.0                        | 30.4                      | 80.2                         | 3 200*                       | 32.1                      | 82.3                         | 3 800*                       | 34.6                      | 85.0                         | 4 100*                       | 36.8                      | 87.4                         | 4 400*                       | 76.0                        |
| 78.0                        | 27.5                      | 76.5                         | 3 000*                       | 29.4                      | 78.8                         | 3 600*                       | 32.0                      | 81.9                         | 4 000*                       | 34.4                      | 84.5                         | 4 200*                       | 78.0                        |
| 80.0                        | 24.2                      | 72.2                         | 2 900*                       | 26.4                      | 74.9                         | 3 400*                       | 29.2                      | 78.4                         | 3 800*                       | 31.9                      | 81.4                         | 4 100*                       | 80.0                        |
| 82.0                        | 20.5                      | 67.2                         | 2 700*                       | 23.0                      | 70.4                         | 3 200*                       | 26.2                      | 74.5                         | 3 700*                       | 29.1                      | 77.9                         | 3 900*                       | 82.0                        |
| 84.0                        | 15.9                      | 60.8                         | 2 700*                       | 19.0                      | 65.0                         | 3 100*                       | 22.8                      | 69.9                         | 3 600*                       | 26.0                      | 73.9                         | 3 700*                       | 84.0                        |
| 86.0                        | 9.2                       | 51.3                         | 2 300*                       | 13.9                      | 57.9                         | 2 900*                       | 18.8                      | 64.5                         | 3 400*                       | 22.6                      | 69.3                         | 3 600*                       | 86.0                        |
| 88.0                        |                           |                              |                              |                           |                              |                              | 13.6                      | 57.2                         | 3 200*                       | 18.5                      | 63.8                         | 3 500*                       | 88.0                        |
| 90.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 13.2                      | 56.4                         | 3 200*                       | 90.0                        |

# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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



## 999 SERIES 3

### 36.6m (120 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib, 24.4m (80 Ft.) Fixed Jib

| Fixed Jib<br>Oper.<br>Rad.<br>Meters | 88 Degree<br>Boom Angle            |                                          |                                    | 86 Degree<br>Boom Angle            |                                          |                                    | 83 Degree<br>Boom Angle            |                                          |                                    | 80 Degree<br>Boom Angle            |                                          |                                    | Fixed Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|--------------------------------------|
|                                      | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms |                                      |
| 27.4                                 | 74.8                               | 121.9                                    | 5 900*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 27.4                                 |
| 28.0                                 | 74.4                               | 121.7                                    | 5 900*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 28.0                                 |
| 30.0                                 | 73.0                               | 121.1                                    | 5 800*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 30.0                                 |
| 32.0                                 | 71.6                               | 120.5                                    | 5 800*                             | 72.5                               | 120.8                                    | 6 600*                             |                                    |                                          |                                    |                                    |                                          |                                    | 32.0                                 |
| 34.0                                 | 70.2                               | 119.7                                    | 5 600*                             | 71.1                               | 120.1                                    | 6 500*                             |                                    |                                          |                                    |                                    |                                          |                                    | 34.0                                 |
| 36.0                                 | 68.7                               | 119.0                                    | 5 500*                             | 69.6                               | 119.4                                    | 6 400*                             |                                    |                                          |                                    |                                    |                                          |                                    | 36.0                                 |
| 38.0                                 | 67.3                               | 118.1                                    | 5 400*                             | 68.2                               | 118.6                                    | 6 300*                             |                                    |                                          |                                    |                                    |                                          |                                    | 38.0                                 |
| 40.0                                 | 65.8                               | 117.2                                    | 5 400*                             | 66.8                               | 117.7                                    | 6 200*                             | 68.1                               | 118.3                                    | 6 200*                             |                                    |                                          |                                    | 40.0                                 |
| 42.0                                 | 64.4                               | 116.3                                    | 5 300*                             | 65.3                               | 116.8                                    | 6 100*                             | 66.7                               | 117.4                                    | 6 100*                             |                                    |                                          |                                    | 42.0                                 |
| 44.0                                 | 62.9                               | 115.2                                    | 5 200*                             | 63.8                               | 115.8                                    | 6 000*                             | 65.2                               | 116.5                                    | 6 000*                             |                                    |                                          |                                    | 44.0                                 |
| 46.0                                 | 61.4                               | 114.2                                    | 5 100*                             | 62.3                               | 114.8                                    | 5 900*                             | 63.8                               | 115.5                                    | 5 900*                             | 65.2                               | 116.2                                    | 5 900*                             | 46.0                                 |
| 48.0                                 | 59.8                               | 113.0                                    | 5 000*                             | 60.8                               | 113.6                                    | 5 800*                             | 62.2                               | 114.5                                    | 5 800*                             | 63.7                               | 115.2                                    | 5 900*                             | 48.0                                 |
| 50.0                                 | 58.3                               | 111.8                                    | 4 900*                             | 59.3                               | 112.5                                    | 5 700*                             | 60.7                               | 113.4                                    | 5 700*                             | 62.2                               | 114.1                                    | 5 800*                             | 50.0                                 |
| 52.0                                 | 56.7                               | 110.4                                    | 4 800*                             | 57.7                               | 111.2                                    | 5 600*                             | 59.2                               | 112.2                                    | 5 700*                             | 60.6                               | 113.0                                    | 5 700*                             | 52.0                                 |
| 54.0                                 | 55.0                               | 109.1                                    | 4 700*                             | 56.1                               | 109.9                                    | 5 500*                             | 57.6                               | 110.9                                    | 5 500*                             | 59.1                               | 111.8                                    | 5 600*                             | 54.0                                 |
| 56.0                                 | 53.4                               | 107.6                                    | 4 700*                             | 54.5                               | 108.4                                    | 5 400*                             | 56.0                               | 109.6                                    | 5 500*                             | 57.5                               | 110.5                                    | 5 500*                             | 56.0                                 |
| 58.0                                 | 51.7                               | 106.0                                    | 4 600*                             | 52.8                               | 106.9                                    | 5 300*                             | 54.4                               | 108.1                                    | 5 400*                             | 55.9                               | 109.2                                    | 5 400*                             | 58.0                                 |
| 60.0                                 | 50.0                               | 104.3                                    | 4 500*                             | 51.1                               | 105.3                                    | 5 200*                             | 52.7                               | 106.6                                    | 5 300*                             | 54.3                               | 107.7                                    | 5 300*                             | 60.0                                 |
| 62.0                                 | 48.2                               | 102.6                                    | 4 500*                             | 49.3                               | 103.6                                    | 5 100*                             | 51.0                               | 105.0                                    | 5 200*                             | 52.6                               | 106.2                                    | 5 300*                             | 62.0                                 |
| 64.0                                 | 46.4                               | 100.7                                    | 4 400*                             | 47.5                               | 101.8                                    | 4 900*                             | 49.2                               | 103.3                                    | 5 100*                             | 50.9                               | 104.6                                    | 5 200*                             | 64.0                                 |
| 66.0                                 | 44.5                               | 98.6                                     | 4 300*                             | 45.7                               | 99.9                                     | 4 700*                             | 47.4                               | 101.5                                    | 5 000*                             | 49.1                               | 102.9                                    | 5 100*                             | 66.0                                 |
| 68.0                                 | 42.5                               | 96.5                                     | 4 100*                             | 43.8                               | 97.8                                     | 4 500*                             | 45.6                               | 99.5                                     | 4 800*                             | 47.3                               | 101.1                                    | 5 000*                             | 68.0                                 |
| 70.0                                 | 40.5                               | 94.2                                     | 3 800*                             | 41.8                               | 95.6                                     | 4 300*                             | 43.7                               | 97.5                                     | 4 600*                             | 45.5                               | 99.1                                     | 4 900*                             | 70.0                                 |
| 72.0                                 | 38.4                               | 91.7                                     | 3 600*                             | 39.7                               | 93.2                                     | 4 100*                             | 41.7                               | 95.2                                     | 4 400*                             | 43.6                               | 97.0                                     | 4 700*                             | 72.0                                 |
| 74.0                                 | 36.1                               | 89.0                                     | 3 400*                             | 37.6                               | 90.6                                     | 4 000*                             | 39.6                               | 92.9                                     | 4 200*                             | 41.6                               | 94.8                                     | 4 400*                             | 74.0                                 |
| 76.0                                 | 33.8                               | 86.0                                     | 3 200*                             | 35.3                               | 87.9                                     | 3 800*                             | 37.5                               | 90.3                                     | 4 100*                             | 39.5                               | 92.4                                     | 4 300*                             | 76.0                                 |
| 78.0                                 | 31.2                               | 82.8                                     | 3 100*                             | 32.9                               | 84.8                                     | 3 600*                             | 35.2                               | 87.5                                     | 3 900*                             | 37.3                               | 89.8                                     | 4 100*                             | 78.0                                 |
| 80.0                                 | 28.5                               | 79.2                                     | 2 900*                             | 30.3                               | 81.5                                     | 3 400*                             | 32.7                               | 84.4                                     | 3 700*                             | 35.0                               | 87.0                                     | 3 900*                             | 80.0                                 |
| 82.0                                 | 25.5                               | 75.2                                     | 2 700*                             | 27.5                               | 77.7                                     | 3 200*                             | 30.1                               | 81.1                                     | 3 600*                             | 32.6                               | 83.9                                     | 3 800*                             | 82.0                                 |
| 84.0                                 | 22.1                               | 70.5                                     | 2 600*                             | 24.3                               | 73.5                                     | 3 100*                             | 27.3                               | 77.3                                     | 3 400*                             | 30.0                               | 80.6                                     | 3 700*                             | 84.0                                 |
| 86.0                                 | 18.1                               | 64.8                                     | 2 500*                             | 20.8                               | 68.5                                     | 3 000*                             | 24.2                               | 73.0                                     | 3 300*                             | 27.1                               | 76.8                                     | 3 500*                             | 86.0                                 |
| 88.0                                 | 12.9                               | 57.3                                     | 2 200*                             | 16.4                               | 62.3                                     | 2 700*                             | 20.6                               | 68.0                                     | 3 000*                             | 24.0                               | 72.5                                     | 3 300*                             | 88.0                                 |
| 90.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 16.2                               | 61.7                                     | 2 700*                             | 20.4                               | 67.4                                     | 3 000*                             | 90.0                                 |
| 92.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 10.0                               | 52.6                                     | 2 300*                             | 15.9                               | 61.0                                     | 2 700*                             | 92.0                                 |
| 94.0                                 |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 9.5                                | 51.6                                     | 2 400*                             | 94.0                                 |



# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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

## 999 SERIES 3

**36.6m (120 Ft.) Boom, 64.0m (210 Ft.) Luffing Jib, 24.4m (80 Ft.) Fixed Jib**

| Fixed Jib Oper. Rad. Meters | 88 Degree Boom Angle      |                              |                              | 86 Degree Boom Angle      |                              |                              | 83 Degree Boom Angle      |                              |                              | 80 Degree Boom Angle      |                              |                              | Fixed Jib Oper. Rad. Meters |
|-----------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|-----------------------------|
|                             | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms |                             |
| 29.0                        | 74.3                      | 124.6                        | 5 800*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 29.0                        |
| 30.0                        | 73.6                      | 124.3                        | 5 700*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 30.0                        |
| 32.0                        | 72.2                      | 123.7                        | 5 600*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 32.0                        |
| 34.0                        | 70.9                      | 123.0                        | 5 600*                       | 71.7                      | 123.3                        | 6 400*                       |                           |                              |                              |                           |                              |                              | 34.0                        |
| 36.0                        | 69.5                      | 122.2                        | 5 500*                       | 70.4                      | 122.6                        | 6 300*                       |                           |                              |                              |                           |                              |                              | 36.0                        |
| 38.0                        | 68.1                      | 121.4                        | 5 400*                       | 69.0                      | 121.9                        | 6 200*                       |                           |                              |                              |                           |                              |                              | 38.0                        |
| 40.0                        | 66.7                      | 120.6                        | 5 300*                       | 67.6                      | 121.0                        | 6 100*                       | 68.9                      | 121.6                        | 6 100*                       |                           |                              |                              | 40.0                        |
| 42.0                        | 65.3                      | 119.7                        | 5 200*                       | 66.2                      | 120.2                        | 6 000*                       | 67.5                      | 120.8                        | 6 000*                       |                           |                              |                              | 42.0                        |
| 44.0                        | 63.9                      | 118.7                        | 5 100*                       | 64.8                      | 119.2                        | 5 900*                       | 66.1                      | 119.9                        | 6 000*                       |                           |                              |                              | 44.0                        |
| 46.0                        | 62.4                      | 117.6                        | 5 000*                       | 63.4                      | 118.2                        | 5 800*                       | 64.7                      | 118.9                        | 5 800*                       | 66.1                      | 119.5                        | 5 900*                       | 46.0                        |
| 48.0                        | 61.0                      | 116.5                        | 4 900*                       | 61.9                      | 117.1                        | 5 700*                       | 63.3                      | 117.9                        | 5 800*                       | 64.6                      | 118.6                        | 5 800*                       | 48.0                        |
| 50.0                        | 59.5                      | 115.3                        | 4 900*                       | 60.4                      | 116.0                        | 5 600*                       | 61.8                      | 116.9                        | 5 700*                       | 63.2                      | 117.6                        | 5 700*                       | 50.0                        |
| 52.0                        | 58.0                      | 114.1                        | 4 800*                       | 58.9                      | 114.8                        | 5 500*                       | 60.3                      | 115.7                        | 5 600*                       | 61.7                      | 116.5                        | 5 600*                       | 52.0                        |
| 54.0                        | 56.4                      | 112.8                        | 4 700*                       | 57.4                      | 113.5                        | 5 500*                       | 58.8                      | 114.5                        | 5 500*                       | 60.3                      | 115.4                        | 5 500*                       | 54.0                        |
| 56.0                        | 54.8                      | 111.4                        | 4 600*                       | 55.8                      | 112.2                        | 5 400*                       | 57.3                      | 113.3                        | 5 400*                       | 58.8                      | 114.1                        | 5 500*                       | 56.0                        |
| 58.0                        | 53.2                      | 109.9                        | 4 600*                       | 54.3                      | 110.8                        | 5 300*                       | 55.8                      | 111.9                        | 5 300*                       | 57.2                      | 112.9                        | 5 300*                       | 58.0                        |
| 60.0                        | 51.6                      | 108.3                        | 4 500*                       | 52.7                      | 109.2                        | 5 200*                       | 54.2                      | 110.5                        | 5 300*                       | 55.7                      | 111.5                        | 5 300*                       | 60.0                        |
| 62.0                        | 49.9                      | 106.6                        | 4 400*                       | 51.0                      | 107.6                        | 4 900*                       | 52.6                      | 108.9                        | 5 200*                       | 54.1                      | 110.1                        | 5 200*                       | 62.0                        |
| 64.0                        | 48.2                      | 104.9                        | 4 300*                       | 49.3                      | 105.9                        | 4 700*                       | 50.9                      | 107.3                        | 5 000*                       | 52.5                      | 108.5                        | 5 100*                       | 64.0                        |
| 66.0                        | 46.5                      | 103.0                        | 4 300*                       | 47.6                      | 104.1                        | 4 400*                       | 49.2                      | 105.6                        | 4 700*                       | 50.8                      | 106.9                        | 5 000*                       | 66.0                        |
| 68.0                        | 44.6                      | 101.0                        | 4 100*                       | 45.8                      | 102.2                        | 4 300*                       | 47.5                      | 103.8                        | 4 500*                       | 49.1                      | 105.2                        | 4 800*                       | 68.0                        |
| 70.0                        | 42.8                      | 98.8                         | 3 800*                       | 44.0                      | 100.1                        | 4 100*                       | 45.7                      | 101.9                        | 4 400*                       | 47.4                      | 103.4                        | 4 600*                       | 70.0                        |
| 72.0                        | 40.8                      | 96.5                         | 3 600*                       | 42.1                      | 97.9                         | 3 900*                       | 43.9                      | 99.8                         | 4 100*                       | 45.6                      | 101.4                        | 4 400*                       | 72.0                        |
| 74.0                        | 38.8                      | 94.1                         | 3 400*                       | 40.1                      | 95.6                         | 3 700*                       | 42.0                      | 97.6                         | 4 000*                       | 43.8                      | 99.4                         | 4 200*                       | 74.0                        |
| 76.0                        | 36.6                      | 91.4                         | 3 200*                       | 38.0                      | 93.0                         | 3 600*                       | 40.0                      | 95.2                         | 3 800*                       | 41.8                      | 97.1                         | 4 100*                       | 76.0                        |
| 78.0                        | 34.4                      | 88.5                         | 3 100*                       | 35.8                      | 90.3                         | 3 400*                       | 37.9                      | 92.7                         | 3 600*                       | 39.9                      | 94.8                         | 3 900*                       | 78.0                        |
| 80.0                        | 32.0                      | 85.4                         | 2 900*                       | 33.5                      | 87.3                         | 3 300*                       | 35.7                      | 90.0                         | 3 500*                       | 37.8                      | 92.2                         | 3 700*                       | 80.0                        |
| 82.0                        | 29.4                      | 81.9                         | 2 800*                       | 31.1                      | 84.1                         | 3 200*                       | 33.4                      | 87.0                         | 3 400*                       | 35.6                      | 89.5                         | 3 600*                       | 82.0                        |
| 84.0                        | 26.6                      | 78.1                         | 2 700*                       | 28.4                      | 80.5                         | 3 000*                       | 31.0                      | 83.7                         | 3 300*                       | 33.3                      | 86.5                         | 3 400*                       | 84.0                        |
| 86.0                        | 23.5                      | 73.7                         | 2 500*                       | 25.5                      | 76.5                         | 2 800*                       | 28.3                      | 80.1                         | 3 100*                       | 30.8                      | 83.2                         | 3 300*                       | 86.0                        |
| 88.0                        | 20.0                      | 68.5                         | 2 400*                       | 22.3                      | 71.8                         | 2 600*                       | 25.4                      | 76.0                         | 2 800*                       | 28.2                      | 79.6                         | 3 100*                       | 88.0                        |
| 90.0                        |                           |                              |                              | 18.5                      | 66.2                         | 2 300*                       | 22.1                      | 71.3                         | 2 500*                       | 25.2                      | 75.5                         | 2 800*                       | 90.0                        |
| 92.0                        |                           |                              |                              |                           |                              |                              | 18.3                      | 65.7                         | 2 300*                       | 21.9                      | 70.7                         | 2 500*                       | 92.0                        |
| 94.0                        |                           |                              |                              |                           |                              |                              | 13.4                      | 58.3                         | 2 000*                       | 18.0                      | 65.0                         | 2 300*                       | 94.0                        |
| 96.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 13.0                      | 57.5                         | 2 000*                       | 96.0                        |

# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

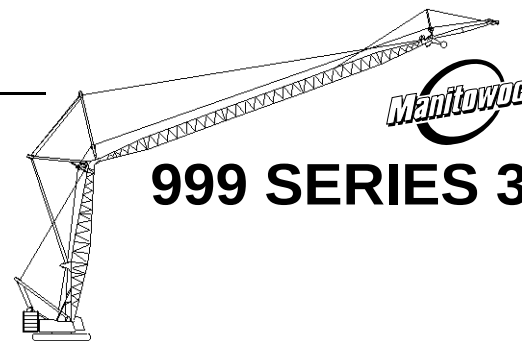
Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



**999 SERIES 3**

## 48.8m (160 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib, 9.1m (30 Ft.) Fixed Jib

| Fixed Jib<br>Oper.<br>Rad.<br>Meters | 88 Degree<br>Boom Angle            |                                          |                                    | 86 Degree<br>Boom Angle            |                                          |                                    | 83 Degree<br>Boom Angle            |                                          |                                    | 80 Degree<br>Boom Angle            |                                          |                                    | Fixed Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|--------------------------------------|
|                                      | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms |                                      |
| 21.3                                 | 74.2                               | 110.5                                    | 15 300*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 21.3                                 |
| 22.0                                 | 73.6                               | 110.3                                    | 15 200*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 22.0                                 |
| 24.0                                 | 71.6                               | 109.6                                    | 14 900*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 24.0                                 |
| 26.0                                 | 69.7                               | 108.9                                    | 14 700*                            | 71.3                               | 109.4                                    | 17 800*                            |                                    |                                          |                                    |                                    |                                          |                                    | 26.0                                 |
| 28.0                                 | 67.7                               | 108.1                                    | 14 300*                            | 69.4                               | 108.7                                    | 17 100*                            |                                    |                                          |                                    |                                    |                                          |                                    | 28.0                                 |
| 30.0                                 | 65.6                               | 107.2                                    | 13 700*                            | 67.4                               | 107.9                                    | 16 200*                            |                                    |                                          |                                    |                                    |                                          |                                    | 30.0                                 |
| 32.0                                 | 63.6                               | 106.2                                    | 12 800*                            | 65.3                               | 107.0                                    | 15 200*                            | 67.9                               | 107.8                                    | 17 400*                            |                                    |                                          |                                    | 32.0                                 |
| 34.0                                 | 61.5                               | 105.2                                    | 11 900*                            | 63.3                               | 106.0                                    | 14 300*                            | 65.9                               | 106.9                                    | 17 300*                            |                                    |                                          |                                    | 34.0                                 |
| 36.0                                 | 59.3                               | 104.0                                    | 11 100*                            | 61.2                               | 104.9                                    | 13 400*                            | 63.8                               | 106.0                                    | 16 900*                            |                                    |                                          |                                    | 36.0                                 |
| 38.0                                 | 57.1                               | 102.7                                    | 10 300*                            | 59.0                               | 103.7                                    | 12 600*                            | 61.7                               | 104.9                                    | 16 000*                            | 64.4                               | 105.8                                    | 17 100*                            | 38.0                                 |
| 40.0                                 | 54.9                               | 101.4                                    | 9 600*                             | 56.8                               | 102.4                                    | 11 700*                            | 59.6                               | 103.8                                    | 15 100*                            | 62.3                               | 104.8                                    | 16 000                             | 40.0                                 |
| 42.0                                 | 52.6                               | 99.9                                     | 8 900*                             | 54.5                               | 101.0                                    | 10 900*                            | 57.4                               | 102.5                                    | 14 100*                            | 60.1                               | 103.7                                    | 14 900                             | 42.0                                 |
| 44.0                                 | 50.2                               | 98.2                                     | 8 300*                             | 52.2                               | 99.5                                     | 10 100*                            | 55.2                               | 101.1                                    | 13 200*                            | 58.0                               | 102.4                                    | 13 900                             | 44.0                                 |
| 46.0                                 | 47.7                               | 96.4                                     | 7 700*                             | 49.8                               | 97.9                                     | 9 400*                             | 52.8                               | 99.7                                     | 12 400*                            | 55.7                               | 101.1                                    | 13 000                             | 46.0                                 |
| 48.0                                 | 45.1                               | 94.5                                     | 7 200*                             | 47.3                               | 96.1                                     | 8 800*                             | 50.5                               | 98.0                                     | 11 600*                            | 53.5                               | 99.6                                     | 12 200                             | 48.0                                 |
| 50.0                                 | 42.4                               | 92.4                                     | 6 700*                             | 44.7                               | 94.1                                     | 8 200*                             | 48.0                               | 96.3                                     | 10 800*                            | 51.1                               | 98.1                                     | 11 500                             | 50.0                                 |
| 52.0                                 | 39.5                               | 90.0                                     | 6 200*                             | 42.0                               | 91.9                                     | 7 600*                             | 45.4                               | 94.3                                     | 10 000*                            | 48.6                               | 96.3                                     | 10 800                             | 52.0                                 |
| 54.0                                 | 36.5                               | 87.4                                     | 5 800*                             | 39.1                               | 89.5                                     | 7 000*                             | 42.7                               | 92.2                                     | 9 300*                             | 46.1                               | 94.5                                     | 10 200                             | 54.0                                 |
| 56.0                                 | 33.2                               | 84.4                                     | 5 500*                             | 36.0                               | 86.9                                     | 6 600*                             | 39.9                               | 89.9                                     | 8 600*                             | 43.4                               | 92.4                                     | 9 600                              | 56.0                                 |
| 58.0                                 | 29.5                               | 81.1                                     | 5 200*                             | 32.6                               | 83.9                                     | 6 200*                             | 36.8                               | 87.3                                     | 8 000*                             | 40.6                               | 90.1                                     | 9 000                              | 58.0                                 |
| 60.0                                 | 25.4                               | 77.1                                     | 4 900*                             | 29.0                               | 80.4                                     | 5 800*                             | 33.6                               | 84.4                                     | 7 500*                             | 37.6                               | 87.6                                     | 8 500                              | 60.0                                 |
| 62.0                                 | 20.6                               | 72.3                                     | 4 700*                             | 24.8                               | 76.4                                     | 5 500*                             | 30.0                               | 81.1                                     | 7 100*                             | 34.4                               | 84.8                                     | 8 100                              | 62.0                                 |
| 64.0                                 | 14.1                               | 65.6                                     | 4 500*                             | 19.7                               | 71.3                                     | 5 200*                             | 26.0                               | 77.3                                     | 6 600*                             | 31.0                               | 81.6                                     | 7 600                              | 64.0                                 |
| 66.0                                 |                                    |                                          |                                    | 12.9                               | 64.2                                     | 5 100*                             | 21.2                               | 72.5                                     | 6 200*                             | 27.1                               | 77.9                                     | 7 200                              | 66.0                                 |
| 68.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 15.0                               | 66.2                                     | 5 900*                             | 22.5                               | 73.5                                     | 6 800                              | 68.0                                 |
| 70.0                                 |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 16.8                               | 67.7                                     | 6 500                              | 70.0                                 |



# Liftcrane Fixed Jib Capacities

**999 SERIES 3**

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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

**48.8m (160 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib, 9.1m (30 Ft.) Fixed Jib**

| Fixed Jib<br>Oper.<br>Rad.<br>Meters | 88 Degree<br>Boom Angle            |                                          |                                    | 86 Degree<br>Boom Angle            |                                          |                                    | 83 Degree<br>Boom Angle            |                                          |                                    | 80 Degree<br>Boom Angle            |                                          |                                    | Fixed Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|--------------------------------------|
|                                      | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms |                                      |
| 21.3                                 | 75.0                               | 113.7                                    | 14 200*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 21.3                                 |
| 22.0                                 | 74.4                               | 113.5                                    | 14 100*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 22.0                                 |
| 24.0                                 | 72.5                               | 112.9                                    | 13 900*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 24.0                                 |
| 26.0                                 | 70.7                               | 112.2                                    | 13 700*                            | 72.3                               | 112.6                                    | 16 400*                            |                                    |                                          |                                    |                                    |                                          |                                    | 26.0                                 |
| 28.0                                 | 68.8                               | 111.4                                    | 13 400*                            | 70.4                               | 111.9                                    | 16 100*                            |                                    |                                          |                                    |                                    |                                          |                                    | 28.0                                 |
| 30.0                                 | 66.9                               | 110.6                                    | 13 100*                            | 68.5                               | 111.2                                    | 15 500*                            |                                    |                                          |                                    |                                    |                                          |                                    | 30.0                                 |
| 32.0                                 | 64.9                               | 109.6                                    | 12 300*                            | 66.6                               | 110.3                                    | 14 600*                            | 69.0                               | 111.1                                    | 16 000*                            |                                    |                                          |                                    | 32.0                                 |
| 34.0                                 | 62.9                               | 108.6                                    | 11 600*                            | 64.6                               | 109.4                                    | 13 800*                            | 67.1                               | 110.3                                    | 15 900*                            |                                    |                                          |                                    | 34.0                                 |
| 36.0                                 | 60.9                               | 107.5                                    | 10 800*                            | 62.6                               | 108.4                                    | 13 000*                            | 65.1                               | 109.4                                    | 15 900*                            |                                    |                                          |                                    | 36.0                                 |
| 38.0                                 | 58.9                               | 106.4                                    | 10 100*                            | 60.6                               | 107.3                                    | 12 200*                            | 63.2                               | 108.4                                    | 15 300*                            |                                    |                                          |                                    | 38.0                                 |
| 40.0                                 | 56.8                               | 105.1                                    | 9 400*                             | 58.6                               | 106.1                                    | 11 400*                            | 61.2                               | 107.3                                    | 14 500*                            | 63.7                               | 108.2                                    | 15 500                             | 40.0                                 |
| 42.0                                 | 54.6                               | 103.7                                    | 8 800*                             | 56.4                               | 104.8                                    | 10 700*                            | 59.1                               | 106.1                                    | 13 700*                            | 61.7                               | 107.2                                    | 14 700                             | 42.0                                 |
| 44.0                                 | 52.4                               | 102.2                                    | 8 200*                             | 54.3                               | 103.3                                    | 10 000*                            | 57.0                               | 104.8                                    | 13 000*                            | 59.7                               | 106.0                                    | 13 700                             | 44.0                                 |
| 46.0                                 | 50.1                               | 100.5                                    | 7 600*                             | 52.1                               | 101.8                                    | 9 300*                             | 54.9                               | 103.5                                    | 12 200*                            | 57.6                               | 104.8                                    | 12 800                             | 46.0                                 |
| 48.0                                 | 47.7                               | 98.7                                     | 7 100*                             | 49.8                               | 100.2                                    | 8 700*                             | 52.7                               | 102.0                                    | 11 400*                            | 55.4                               | 103.4                                    | 12 000                             | 48.0                                 |
| 50.0                                 | 45.3                               | 96.8                                     | 6 600*                             | 47.4                               | 98.4                                     | 8 100*                             | 50.4                               | 100.3                                    | 10 700*                            | 53.2                               | 101.9                                    | 11 300                             | 50.0                                 |
| 52.0                                 | 42.7                               | 94.7                                     | 6 200*                             | 44.9                               | 96.4                                     | 7 600*                             | 48.0                               | 98.6                                     | 10 000*                            | 51.0                               | 100.4                                    | 10 500                             | 52.0                                 |
| 54.0                                 | 40.0                               | 92.4                                     | 5 800*                             | 42.3                               | 94.3                                     | 7 100*                             | 45.6                               | 96.7                                     | 9 400*                             | 48.7                               | 98.6                                     | 10 000                             | 54.0                                 |
| 56.0                                 | 37.1                               | 89.8                                     | 5 500*                             | 39.6                               | 91.9                                     | 6 600*                             | 43.0                               | 94.6                                     | 8 700*                             | 46.2                               | 96.8                                     | 9 400                              | 56.0                                 |
| 58.0                                 | 34.1                               | 87.0                                     | 5 100*                             | 36.7                               | 89.3                                     | 6 200*                             | 40.3                               | 92.3                                     | 8 100*                             | 43.7                               | 94.7                                     | 8 800                              | 58.0                                 |
| 60.0                                 | 30.7                               | 83.7                                     | 4 900*                             | 33.6                               | 86.4                                     | 5 800*                             | 37.5                               | 89.7                                     | 7 600*                             | 41.1                               | 92.5                                     | 8 300                              | 60.0                                 |
| 62.0                                 | 27.0                               | 80.0                                     | 4 600*                             | 30.2                               | 83.1                                     | 5 500*                             | 34.4                               | 86.9                                     | 7 100*                             | 38.2                               | 90.0                                     | 7 900                              | 62.0                                 |
| 64.0                                 | 22.7                               | 75.6                                     | 4 400*                             | 26.4                               | 79.3                                     | 5 200*                             | 31.1                               | 83.7                                     | 6 700*                             | 35.3                               | 87.3                                     | 7 400                              | 64.0                                 |
| 66.0                                 | 17.3                               | 69.9                                     | 4 200*                             | 21.9                               | 74.7                                     | 4 900*                             | 27.4                               | 80.1                                     | 6 300*                             | 32.0                               | 84.2                                     | 7 000                              | 66.0                                 |
| 68.0                                 | 9.3                                | 61.1                                     | 4 200*                             | 16.4                               | 68.8                                     | 4 700*                             | 23.2                               | 75.8                                     | 5 900*                             | 28.4                               | 80.7                                     | 6 600                              | 68.0                                 |
| 70.0                                 |                                    |                                          |                                    | 7.4                                | 58.7                                     | 4 600*                             | 18.1                               | 70.3                                     | 5 600*                             | 24.4                               | 76.6                                     | 6 200                              | 70.0                                 |
| 72.0                                 |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 19.5                               | 71.4                                     | 5 900                              | 72.0                                 |
| 74.0                                 |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 13.0                               | 64.3                                     | 5 500                              | 74.0                                 |

# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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



## 999 SERIES 3

**48.8m (160 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib, 9.1m (30 Ft.) Fixed Jib**

| Fixed Jib Oper. Rad. Meters | 88 Degree Boom Angle      |                              |                              | 86 Degree Boom Angle      |                              |                              | 83 Degree Boom Angle      |                              |                              | 80 Degree Boom Angle      |                              |                              | Fixed Jib Oper. Rad. Meters |
|-----------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|-----------------------------|
|                             | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms |                             |
| 22.9                        | 74.4                      | 116.4                        | 13 300*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 22.9                        |
| 24.0                        | 73.3                      | 116.1                        | 13 000*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 24.0                        |
| 26.0                        | 71.6                      | 115.4                        | 12 700*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 26.0                        |
| 28.0                        | 69.8                      | 114.7                        | 12 500*                      | 71.3                      | 115.2                        | 15 000*                      |                           |                              |                              |                           |                              |                              | 28.0                        |
| 30.0                        | 68.0                      | 113.9                        | 12 300*                      | 69.5                      | 114.4                        | 14 600*                      |                           |                              |                              |                           |                              |                              | 30.0                        |
| 32.0                        | 66.1                      | 113.0                        | 11 900*                      | 67.7                      | 113.6                        | 14 000*                      | 70.0                      | 114.4                        | 14 800*                      |                           |                              |                              | 32.0                        |
| 34.0                        | 64.3                      | 112.1                        | 11 200*                      | 65.8                      | 112.8                        | 13 300*                      | 68.2                      | 113.6                        | 14 800*                      |                           |                              |                              | 34.0                        |
| 36.0                        | 62.4                      | 111.0                        | 10 500*                      | 64.0                      | 111.8                        | 12 600*                      | 66.3                      | 112.7                        | 14 700*                      |                           |                              |                              | 36.0                        |
| 38.0                        | 60.4                      | 109.9                        | 9 800*                       | 62.1                      | 110.8                        | 11 900*                      | 64.5                      | 111.8                        | 14 600*                      |                           |                              |                              | 38.0                        |
| 40.0                        | 58.4                      | 108.7                        | 9 200*                       | 60.1                      | 109.6                        | 11 200*                      | 62.6                      | 110.8                        | 14 000*                      | 65.0                      | 111.6                        | 14 400*                      | 40.0                        |
| 42.0                        | 56.4                      | 107.4                        | 8 600*                       | 58.1                      | 108.4                        | 10 500*                      | 60.7                      | 109.7                        | 13 300*                      | 63.1                      | 110.6                        | 14 300                       | 42.0                        |
| 44.0                        | 54.4                      | 106.0                        | 8 100*                       | 56.1                      | 107.1                        | 9 800*                       | 58.7                      | 108.5                        | 12 600*                      | 61.2                      | 109.5                        | 13 600                       | 44.0                        |
| 46.0                        | 52.2                      | 104.5                        | 7 500*                       | 54.1                      | 105.7                        | 9 200*                       | 56.7                      | 107.2                        | 11 900*                      | 59.2                      | 108.4                        | 12 700                       | 46.0                        |
| 48.0                        | 50.1                      | 102.8                        | 7 000*                       | 51.9                      | 104.1                        | 8 600*                       | 54.6                      | 105.8                        | 11 200*                      | 57.2                      | 107.1                        | 11 900                       | 48.0                        |
| 50.0                        | 47.8                      | 101.1                        | 6 600*                       | 49.7                      | 102.5                        | 8 100*                       | 52.5                      | 104.3                        | 10 600*                      | 55.2                      | 105.7                        | 11 100                       | 50.0                        |
| 52.0                        | 45.5                      | 99.1                         | 6 200*                       | 47.5                      | 100.7                        | 7 600*                       | 50.3                      | 102.6                        | 9 900*                       | 53.1                      | 104.3                        | 10 500                       | 52.0                        |
| 54.0                        | 43.0                      | 97.0                         | 5 800*                       | 45.1                      | 98.7                         | 7 100*                       | 48.1                      | 100.9                        | 9 300*                       | 50.9                      | 102.7                        | 9 800                        | 54.0                        |
| 56.0                        | 40.5                      | 94.7                         | 5 400*                       | 42.6                      | 96.6                         | 6 600*                       | 45.7                      | 99.0                         | 8 700*                       | 48.7                      | 100.9                        | 9 300                        | 56.0                        |
| 58.0                        | 37.7                      | 92.2                         | 5 100*                       | 40.1                      | 94.3                         | 6 200*                       | 43.3                      | 96.9                         | 8 200*                       | 46.4                      | 99.1                         | 8 700                        | 58.0                        |
| 60.0                        | 34.9                      | 89.5                         | 4 800*                       | 37.3                      | 91.7                         | 5 800*                       | 40.8                      | 94.6                         | 7 600*                       | 44.0                      | 97.0                         | 8 200                        | 60.0                        |
| 62.0                        | 31.7                      | 86.3                         | 4 500*                       | 34.4                      | 88.9                         | 5 500*                       | 38.1                      | 92.1                         | 7 200*                       | 41.4                      | 94.8                         | 7 700                        | 62.0                        |
| 64.0                        | 28.3                      | 82.8                         | 4 300*                       | 31.2                      | 85.7                         | 5 200*                       | 35.2                      | 89.4                         | 6 700*                       | 38.8                      | 92.4                         | 7 300                        | 64.0                        |
| 66.0                        | 24.4                      | 78.7                         | 4 100*                       | 27.7                      | 82.1                         | 4 900*                       | 32.1                      | 86.3                         | 6 300*                       | 36.0                      | 89.7                         | 6 900                        | 66.0                        |
| 68.0                        | 19.8                      | 73.6                         | 4 000*                       | 23.8                      | 77.9                         | 4 700*                       | 28.7                      | 82.9                         | 5 900*                       | 32.9                      | 86.8                         | 6 500                        | 68.0                        |
| 70.0                        | 13.8                      | 66.7                         | 3 900*                       | 19.0                      | 72.6                         | 4 500*                       | 24.9                      | 78.8                         | 5 600*                       | 29.6                      | 83.4                         | 6 100                        | 70.0                        |
| 72.0                        |                           |                              |                              | 12.6                      | 65.3                         | 4 300*                       | 20.4                      | 73.9                         | 5 300*                       | 26.0                      | 79.5                         | 5 800                        | 72.0                        |
| 74.0                        |                           |                              |                              |                           |                              |                              | 14.6                      | 67.3                         | 5 100*                       | 21.7                      | 74.9                         | 5 400                        | 74.0                        |
| 76.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 16.3                      | 68.9                         | 5 200                        | 76.0                        |



# Liftcrane Fixed Jib Capacities

**999 SERIES 3**

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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

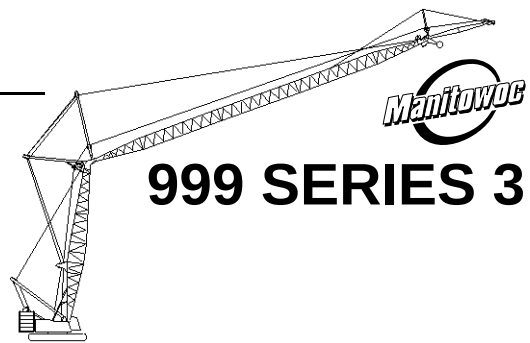
**48.8m (160 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib, 9.1m (30 Ft.) Fixed Jib**

| Fixed Jib Oper. Rad. Meters | 88 Degree Boom Angle      |                              |                              | 86 Degree Boom Angle      |                              |                              | 83 Degree Boom Angle      |                              |                              | 80 Degree Boom Angle      |                              |                              | Fixed Jib Oper. Rad. Meters |
|-----------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|-----------------------------|
|                             | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms |                             |
| 24.4                        | 73.8                      | 119.1                        | 12 000*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 24.4                        |
| 26.0                        | 72.4                      | 118.6                        | 11 800*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 26.0                        |
| 28.0                        | 70.7                      | 117.9                        | 11 700*                      | 72.1                      | 118.4                        | 13 800*                      |                           |                              |                              |                           |                              |                              | 28.0                        |
| 30.0                        | 69.0                      | 117.2                        | 11 500*                      | 70.4                      | 117.7                        | 13 600*                      |                           |                              |                              |                           |                              |                              | 30.0                        |
| 32.0                        | 67.2                      | 116.3                        | 11 200*                      | 68.7                      | 116.9                        | 13 300*                      |                           |                              |                              |                           |                              |                              | 32.0                        |
| 34.0                        | 65.4                      | 115.4                        | 10 800*                      | 66.9                      | 116.1                        | 12 700*                      | 69.2                      | 116.9                        | 13 600*                      |                           |                              |                              | 34.0                        |
| 36.0                        | 63.6                      | 114.5                        | 10 100*                      | 65.2                      | 115.2                        | 12 000*                      | 67.4                      | 116.0                        | 13 500*                      |                           |                              |                              | 36.0                        |
| 38.0                        | 61.8                      | 113.4                        | 9 600*                       | 63.4                      | 114.2                        | 11 400*                      | 65.7                      | 115.2                        | 13 400*                      |                           |                              |                              | 38.0                        |
| 40.0                        | 60.0                      | 112.3                        | 9 000*                       | 61.5                      | 113.1                        | 10 800*                      | 63.9                      | 114.2                        | 13 300*                      | 66.1                      | 115.0                        | 13 100*                      | 40.0                        |
| 42.0                        | 58.1                      | 111.0                        | 8 400*                       | 59.7                      | 112.0                        | 10 200*                      | 62.0                      | 113.1                        | 12 800*                      | 64.3                      | 114.0                        | 13 100*                      | 42.0                        |
| 44.0                        | 56.1                      | 109.7                        | 7 900*                       | 57.8                      | 110.7                        | 9 600*                       | 60.2                      | 112.0                        | 12 200*                      | 62.5                      | 113.0                        | 13 100*                      | 44.0                        |
| 46.0                        | 54.1                      | 108.3                        | 7 400*                       | 55.8                      | 109.4                        | 9 000*                       | 58.3                      | 110.8                        | 11 600*                      | 60.7                      | 111.9                        | 12 400                       | 46.0                        |
| 48.0                        | 52.1                      | 106.8                        | 6 900*                       | 53.8                      | 108.0                        | 8 500*                       | 56.4                      | 109.5                        | 10 900*                      | 58.8                      | 110.7                        | 11 600                       | 48.0                        |
| 50.0                        | 50.0                      | 105.1                        | 6 500*                       | 51.8                      | 106.4                        | 8 000*                       | 54.4                      | 108.1                        | 10 300*                      | 56.9                      | 109.4                        | 10 900                       | 50.0                        |
| 52.0                        | 47.9                      | 103.4                        | 6 100*                       | 49.7                      | 104.8                        | 7 400*                       | 52.4                      | 106.6                        | 9 700*                       | 54.9                      | 108.0                        | 10 200                       | 52.0                        |
| 54.0                        | 45.6                      | 101.4                        | 5 700*                       | 47.5                      | 103.0                        | 7 000*                       | 50.3                      | 104.9                        | 9 200*                       | 52.9                      | 106.6                        | 9 600                        | 54.0                        |
| 56.0                        | 43.3                      | 99.4                         | 5 400*                       | 45.3                      | 101.0                        | 6 600*                       | 48.1                      | 103.2                        | 8 600*                       | 50.8                      | 105.0                        | 9 000                        | 56.0                        |
| 58.0                        | 40.9                      | 97.1                         | 5 100*                       | 42.9                      | 98.9                         | 6 200*                       | 45.9                      | 101.3                        | 8 100*                       | 48.7                      | 103.2                        | 8 500                        | 58.0                        |
| 60.0                        | 38.3                      | 94.6                         | 4 800*                       | 40.5                      | 96.6                         | 5 800*                       | 43.6                      | 99.2                         | 7 700*                       | 46.5                      | 101.4                        | 8 000                        | 60.0                        |
| 62.0                        | 35.6                      | 91.9                         | 4 500*                       | 37.9                      | 94.1                         | 5 500*                       | 41.1                      | 97.0                         | 7 200*                       | 44.2                      | 99.4                         | 7 500                        | 62.0                        |
| 64.0                        | 32.6                      | 88.9                         | 4 300*                       | 35.1                      | 91.4                         | 5 200*                       | 38.6                      | 94.5                         | 6 800*                       | 41.8                      | 97.2                         | 7 100                        | 64.0                        |
| 66.0                        | 29.5                      | 85.5                         | 4 000*                       | 32.2                      | 88.3                         | 4 900*                       | 35.9                      | 91.9                         | 6 300*                       | 39.3                      | 94.8                         | 6 700                        | 66.0                        |
| 68.0                        | 25.9                      | 81.6                         | 3 900*                       | 29.0                      | 84.8                         | 4 600*                       | 33.0                      | 88.9                         | 6 000*                       | 36.6                      | 92.2                         | 6 300                        | 68.0                        |
| 70.0                        | 21.8                      | 77.0                         | 3 700*                       | 25.4                      | 80.9                         | 4 400*                       | 29.9                      | 85.5                         | 5 600*                       | 33.8                      | 89.3                         | 5 900                        | 70.0                        |
| 72.0                        | 16.8                      | 71.1                         | 3 600*                       | 21.2                      | 76.1                         | 4 200*                       | 26.4                      | 81.7                         | 5 300*                       | 30.7                      | 86.0                         | 5 600                        | 72.0                        |
| 74.0                        |                           | 62.2                         | 3 300*                       | 15.9                      | 69.9                         | 4 100*                       | 22.4                      | 77.2                         | 5 100*                       | 27.3                      | 82.4                         | 5 300                        | 74.0                        |
| 76.0                        |                           |                              |                              | 7.7                       | 59.9                         | 3 300*                       | 17.5                      | 71.5                         | 4 800*                       | 23.5                      | 78.0                         | 4 900                        | 76.0                        |
| 78.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 18.9                      | 72.7                         | 4 600*                       | 78.0                        |
| 80.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 12.8                      | 65.4                         | 4 200*                       | 80.0                        |

# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

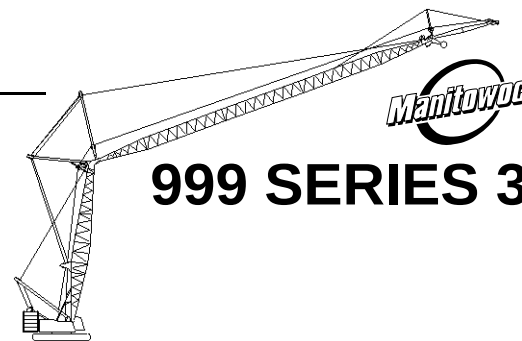
Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 999 SERIES 3

**48.8m (160 Ft.) Boom, 64.0m (210 Ft.) Luffing Jib, 9.1m (30 Ft.) Fixed Jib**

| Fixed Jib<br>Oper.<br>Rad.<br>Meters | 88 Degree<br>Boom Angle            |                                          |                                    | 86 Degree<br>Boom Angle            |                                          |                                    | 83 Degree<br>Boom Angle            |                                          |                                    | 80 Degree<br>Boom Angle            |                                          |                                    | Fixed Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|--------------------------------------|
|                                      | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms |                                      |
| 24.4                                 | 74.5                               | 122.3                                    | 11 000*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 24.4                                 |
| 26.0                                 | 73.1                               | 121.8                                    | 11 000*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 26.0                                 |
| 28.0                                 | 71.5                               | 121.2                                    | 10 800*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 28.0                                 |
| 30.0                                 | 69.9                               | 120.4                                    | 10 700*                            | 71.3                               | 120.9                                    | 12 600*                            |                                    |                                          |                                    |                                    |                                          |                                    | 30.0                                 |
| 32.0                                 | 68.2                               | 119.6                                    | 10 500*                            | 69.6                               | 120.2                                    | 12 500*                            |                                    |                                          |                                    |                                    |                                          |                                    | 32.0                                 |
| 34.0                                 | 66.5                               | 118.8                                    | 10 300*                            | 68.0                               | 119.4                                    | 12 100*                            |                                    |                                          |                                    |                                    |                                          |                                    | 34.0                                 |
| 36.0                                 | 64.8                               | 117.9                                    | 9 800*                             | 66.3                               | 118.5                                    | 11 500*                            | 68.4                               | 119.4                                    | 12 400*                            |                                    |                                          |                                    | 36.0                                 |
| 38.0                                 | 63.1                               | 116.9                                    | 9 200*                             | 64.6                               | 117.6                                    | 11 000*                            | 66.7                               | 118.5                                    | 12 300*                            |                                    |                                          |                                    | 38.0                                 |
| 40.0                                 | 61.3                               | 115.8                                    | 8 700*                             | 62.8                               | 116.6                                    | 10 400*                            | 65.0                               | 117.6                                    | 12 300*                            |                                    |                                          |                                    | 40.0                                 |
| 42.0                                 | 59.5                               | 114.6                                    | 8 200*                             | 61.1                               | 115.5                                    | 9 900*                             | 63.3                               | 116.6                                    | 12 100*                            | 65.5                               | 117.4                                    | 12 000*                            | 42.0                                 |
| 44.0                                 | 57.7                               | 113.4                                    | 7 700*                             | 59.3                               | 114.3                                    | 9 300*                             | 61.5                               | 115.5                                    | 11 700*                            | 63.7                               | 116.4                                    | 12 000*                            | 44.0                                 |
| 46.0                                 | 55.8                               | 112.0                                    | 7 200*                             | 57.4                               | 113.1                                    | 8 800*                             | 59.7                               | 114.4                                    | 11 100*                            | 62.0                               | 115.4                                    | 11 900                             | 46.0                                 |
| 48.0                                 | 53.9                               | 110.6                                    | 6 800*                             | 55.6                               | 111.7                                    | 8 300*                             | 57.9                               | 113.1                                    | 10 600*                            | 60.2                               | 114.3                                    | 11 500                             | 48.0                                 |
| 50.0                                 | 52.0                               | 109.1                                    | 6 400*                             | 53.6                               | 110.3                                    | 7 800*                             | 56.1                               | 111.8                                    | 10 100*                            | 58.4                               | 113.1                                    | 10 700                             | 50.0                                 |
| 52.0                                 | 50.0                               | 107.4                                    | 6 000*                             | 51.7                               | 108.7                                    | 7 300*                             | 54.2                               | 110.4                                    | 9 500*                             | 56.6                               | 111.8                                    | 10 100                             | 52.0                                 |
| 54.0                                 | 47.9                               | 105.7                                    | 5 600*                             | 49.7                               | 107.1                                    | 6 900*                             | 52.2                               | 108.9                                    | 9 000*                             | 54.7                               | 110.4                                    | 9 400                              | 54.0                                 |
| 56.0                                 | 45.8                               | 103.7                                    | 5 300*                             | 47.6                               | 105.3                                    | 6 500*                             | 50.2                               | 107.2                                    | 8 500*                             | 52.7                               | 108.9                                    | 8 800                              | 56.0                                 |
| 58.0                                 | 43.5                               | 101.7                                    | 5 000*                             | 45.4                               | 103.3                                    | 6 100*                             | 48.2                               | 105.5                                    | 8 000*                             | 50.7                               | 107.3                                    | 8 300                              | 58.0                                 |
| 60.0                                 | 41.2                               | 99.5                                     | 4 700*                             | 43.2                               | 101.2                                    | 5 800*                             | 46.0                               | 103.6                                    | 7 600*                             | 48.7                               | 105.5                                    | 7 800                              | 60.0                                 |
| 62.0                                 | 38.8                               | 97.0                                     | 4 400*                             | 40.9                               | 99.0                                     | 5 500*                             | 43.8                               | 101.5                                    | 7 200*                             | 46.6                               | 103.7                                    | 7 300                              | 62.0                                 |
| 64.0                                 | 36.2                               | 94.4                                     | 4 200*                             | 38.4                               | 96.5                                     | 5 200*                             | 41.5                               | 99.3                                     | 6 800*                             | 44.4                               | 101.7                                    | 6 900                              | 64.0                                 |
| 66.0                                 | 33.5                               | 91.4                                     | 4 000*                             | 35.8                               | 93.8                                     | 4 900*                             | 39.1                               | 96.9                                     | 6 300*                             | 42.1                               | 99.5                                     | 6 500                              | 66.0                                 |
| 68.0                                 | 30.5                               | 88.2                                     | 3 800*                             | 33.0                               | 90.9                                     | 4 600*                             | 36.5                               | 94.3                                     | 6 000*                             | 39.7                               | 97.2                                     | 6 100                              | 68.0                                 |
| 70.0                                 | 27.2                               | 84.5                                     | 3 600*                             | 30.0                               | 87.5                                     | 4 400*                             | 33.8                               | 91.4                                     | 5 600*                             | 37.2                               | 94.6                                     | 5 800                              | 70.0                                 |
| 72.0                                 | 23.5                               | 80.1                                     | 3 500*                             | 26.7                               | 83.7                                     | 4 200*                             | 30.9                               | 88.2                                     | 5 300*                             | 34.5                               | 91.8                                     | 5 400                              | 72.0                                 |
| 74.0                                 | 19.2                               | 74.9                                     | 3 400*                             | 22.9                               | 79.3                                     | 4 000*                             | 27.6                               | 84.5                                     | 4 900*                             | 31.6                               | 88.6                                     | 5 100*                             | 74.0                                 |
| 76.0                                 | 13.5                               | 67.9                                     | 3 200*                             | 18.5                               | 73.9                                     | 3 900*                             | 24.0                               | 80.3                                     | 4 600*                             | 28.5                               | 85.1                                     | 4 700*                             | 76.0                                 |
| 78.0                                 |                                    |                                          |                                    | 12.4                               | 66.4                                     | 3 300*                             | 19.8                               | 75.2                                     | 4 300*                             | 25.0                               | 81.1                                     | 4 400*                             | 78.0                                 |
| 80.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 14.3                               | 68.5                                     | 3 800*                             | 20.9                               | 76.2                                     | 4 000*                             | 80.0                                 |
| 82.0                                 |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 15.9                               | 70.0                                     | 3 700*                             | 82.0                                 |



# Liftcrane Fixed Jib Capacities

**999 SERIES 3**

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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

**48.8m (160 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib, 12.2m (40 Ft.) Fixed Jib**

| Fixed Jib Oper. Rad. Meters | 88 Degree Boom Angle      |                              |                              | 86 Degree Boom Angle      |                              |                              | 83 Degree Boom Angle      |                              |                              | 80 Degree Boom Angle      |                              |                              | Fixed Jib Oper. Rad. Meters |
|-----------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|-----------------------------|
|                             | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms |                             |
| 22.9                        | 74.0                      | 113.2                        | 13 300*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 22.9                        |
| 24.0                        | 73.0                      | 112.8                        | 13 300*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 24.0                        |
| 26.0                        | 71.1                      | 112.1                        | 13 200*                      | 72.7                      | 112.6                        | 15 600*                      |                           |                              |                              |                           |                              |                              | 26.0                        |
| 28.0                        | 69.2                      | 111.4                        | 13 000*                      | 70.8                      | 111.9                        | 15 500*                      |                           |                              |                              |                           |                              |                              | 28.0                        |
| 30.0                        | 67.3                      | 110.5                        | 12 600*                      | 68.9                      | 111.1                        | 15 200*                      |                           |                              |                              |                           |                              |                              | 30.0                        |
| 32.0                        | 65.4                      | 109.6                        | 12 200*                      | 67.0                      | 110.3                        | 14 400*                      | 69.4                      | 111.1                        | 15 500*                      |                           |                              |                              | 32.0                        |
| 34.0                        | 63.4                      | 108.6                        | 11 400*                      | 65.1                      | 109.4                        | 13 600*                      | 67.5                      | 110.2                        | 15 400*                      |                           |                              |                              | 34.0                        |
| 36.0                        | 61.4                      | 107.5                        | 10 600*                      | 63.1                      | 108.3                        | 12 800*                      | 65.6                      | 109.3                        | 15 300*                      |                           |                              |                              | 36.0                        |
| 38.0                        | 59.3                      | 106.3                        | 9 900*                       | 61.1                      | 107.2                        | 12 000*                      | 63.6                      | 108.3                        | 14 600*                      |                           |                              |                              | 38.0                        |
| 40.0                        | 57.2                      | 105.0                        | 9 200*                       | 59.0                      | 106.0                        | 11 200*                      | 61.6                      | 107.3                        | 13 800*                      | 64.1                      | 108.2                        | 15 000*                      | 40.0                        |
| 42.0                        | 55.0                      | 103.6                        | 8 600*                       | 56.9                      | 104.7                        | 10 500*                      | 59.6                      | 106.1                        | 13 000*                      | 62.1                      | 107.1                        | 14 200*                      | 42.0                        |
| 44.0                        | 52.8                      | 102.1                        | 8 000*                       | 54.7                      | 103.3                        | 9 800*                       | 57.5                      | 104.8                        | 12 300*                      | 60.1                      | 106.0                        | 13 500*                      | 44.0                        |
| 46.0                        | 50.5                      | 100.5                        | 7 400*                       | 52.5                      | 101.8                        | 9 100*                       | 55.3                      | 103.4                        | 11 800*                      | 58.0                      | 104.7                        | 12 800*                      | 46.0                        |
| 48.0                        | 48.2                      | 98.7                         | 6 900*                       | 50.2                      | 100.1                        | 8 500*                       | 53.1                      | 101.9                        | 11 100*                      | 55.9                      | 103.4                        | 12 200*                      | 48.0                        |
| 50.0                        | 45.7                      | 96.8                         | 6 400*                       | 47.8                      | 98.3                         | 7 900*                       | 50.8                      | 100.3                        | 10 400*                      | 53.7                      | 101.9                        | 11 500                       | 50.0                        |
| 52.0                        | 43.1                      | 94.7                         | 6 000*                       | 45.3                      | 96.4                         | 7 300*                       | 48.5                      | 98.5                         | 9 700*                       | 51.4                      | 100.3                        | 10 900                       | 52.0                        |
| 54.0                        | 40.4                      | 92.3                         | 5 600*                       | 42.7                      | 94.2                         | 6 800*                       | 46.0                      | 96.6                         | 9 000*                       | 49.1                      | 98.6                         | 10 200                       | 54.0                        |
| 56.0                        | 37.6                      | 89.8                         | 5 200*                       | 40.0                      | 91.9                         | 6 300*                       | 43.5                      | 94.5                         | 8 400*                       | 46.7                      | 96.7                         | 9 600                        | 56.0                        |
| 58.0                        | 34.5                      | 86.9                         | 4 900*                       | 37.1                      | 89.2                         | 5 900*                       | 40.8                      | 92.2                         | 7 800*                       | 44.1                      | 94.7                         | 9 100                        | 58.0                        |
| 60.0                        | 31.1                      | 83.7                         | 4 600*                       | 34.0                      | 86.3                         | 5 500*                       | 37.9                      | 89.7                         | 7 300*                       | 41.5                      | 92.4                         | 8 600                        | 60.0                        |
| 62.0                        | 27.4                      | 79.9                         | 4 300*                       | 30.6                      | 83.0                         | 5 200*                       | 34.8                      | 86.9                         | 6 800*                       | 38.7                      | 90.0                         | 8 100                        | 62.0                        |
| 64.0                        | 23.1                      | 75.5                         | 4 100*                       | 26.8                      | 79.2                         | 4 900*                       | 31.5                      | 83.7                         | 6 300*                       | 35.7                      | 87.2                         | 7 700                        | 64.0                        |
| 66.0                        | 17.7                      | 69.8                         | 4 000*                       | 22.3                      | 74.6                         | 4 600*                       | 27.8                      | 80.0                         | 5 900*                       | 32.4                      | 84.1                         | 7 300                        | 66.0                        |
| 68.0                        | 9.6                       | 60.9                         | 3 900*                       | 16.8                      | 68.6                         | 4 400*                       | 23.6                      | 75.7                         | 5 500*                       | 28.8                      | 80.6                         | 6 900                        | 68.0                        |
| 70.0                        |                           |                              |                              | 7.6                       | 58.5                         | 4 300*                       | 18.4                      | 70.2                         | 5 200*                       | 24.8                      | 76.5                         | 6 500                        | 70.0                        |
| 72.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 19.9                      | 71.4                         | 6 100                        | 72.0                        |
| 74.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 13.3                      | 64.2                         | 5 800                        | 74.0                        |

# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

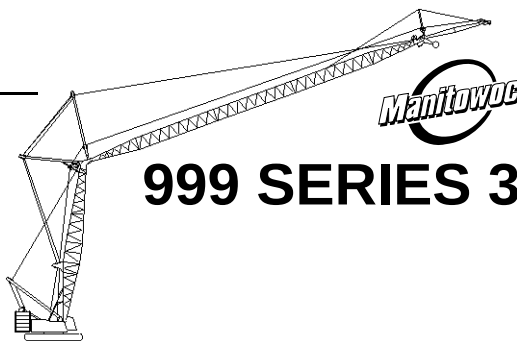
Designed And Tested  
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ANSI B30.5



## 999 SERIES 3

### 48.8m (160 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib, 12.2m (40 Ft.) Fixed Jib

| Fixed Jib<br>Oper.<br>Rad.<br>Meters | 88 Degree<br>Boom Angle            |                                          |                                    | 86 Degree<br>Boom Angle            |                                          |                                    | 83 Degree<br>Boom Angle            |                                          |                                    | 80 Degree<br>Boom Angle            |                                          |                                    | Fixed Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|--------------------------------------|
|                                      | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms |                                      |
| 22.9                                 | 74.8                               | 116.4                                    | 12 600*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 22.9                                 |
| 24.0                                 | 73.8                               | 116.0                                    | 12 500*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 24.0                                 |
| 26.0                                 | 72.0                               | 115.4                                    | 12 300*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 26.0                                 |
| 28.0                                 | 70.2                               | 114.6                                    | 12 100*                            | 71.7                               | 115.1                                    | 14 600*                            |                                    |                                          |                                    |                                    |                                          |                                    | 28.0                                 |
| 30.0                                 | 68.4                               | 113.8                                    | 11 900*                            | 69.9                               | 114.4                                    | 14 300*                            |                                    |                                          |                                    |                                    |                                          |                                    | 30.0                                 |
| 32.0                                 | 66.5                               | 113.0                                    | 11 600*                            | 68.1                               | 113.6                                    | 13 800*                            |                                    |                                          |                                    |                                    |                                          |                                    | 32.0                                 |
| 34.0                                 | 64.7                               | 112.0                                    | 11 000*                            | 66.3                               | 112.7                                    | 13 100*                            | 68.6                               | 113.6                                    | 14 300*                            |                                    |                                          |                                    | 34.0                                 |
| 36.0                                 | 62.8                               | 111.0                                    | 10 300*                            | 64.4                               | 111.8                                    | 12 400*                            | 66.8                               | 112.7                                    | 14 200*                            |                                    |                                          |                                    | 36.0                                 |
| 38.0                                 | 60.8                               | 109.9                                    | 9 600*                             | 62.5                               | 110.7                                    | 11 600*                            | 64.9                               | 111.7                                    | 13 900*                            |                                    |                                          |                                    | 38.0                                 |
| 40.0                                 | 58.9                               | 108.7                                    | 9 000*                             | 60.5                               | 109.6                                    | 10 900*                            | 63.0                               | 110.7                                    | 13 100*                            | 65.4                               | 111.6                                    | 13 900*                            | 40.0                                 |
| 42.0                                 | 56.8                               | 107.4                                    | 8 500*                             | 58.6                               | 108.4                                    | 10 300*                            | 61.1                               | 109.6                                    | 12 500*                            | 63.5                               | 110.6                                    | 13 600*                            | 42.0                                 |
| 44.0                                 | 54.8                               | 106.0                                    | 7 900*                             | 56.5                               | 107.0                                    | 9 600*                             | 59.1                               | 108.4                                    | 11 800*                            | 61.6                               | 109.5                                    | 12 900*                            | 44.0                                 |
| 46.0                                 | 52.7                               | 104.4                                    | 7 400*                             | 54.5                               | 105.6                                    | 9 000*                             | 57.1                               | 107.1                                    | 11 300*                            | 59.6                               | 108.3                                    | 12 200*                            | 46.0                                 |
| 48.0                                 | 50.5                               | 102.8                                    | 6 800*                             | 52.3                               | 104.1                                    | 8 400*                             | 55.0                               | 105.7                                    | 10 700*                            | 57.6                               | 107.1                                    | 11 700*                            | 48.0                                 |
| 50.0                                 | 48.2                               | 101.0                                    | 6 400*                             | 50.1                               | 102.4                                    | 7 800*                             | 52.9                               | 104.2                                    | 10 200*                            | 55.6                               | 105.7                                    | 11 100*                            | 50.0                                 |
| 52.0                                 | 45.9                               | 99.1                                     | 5 900*                             | 47.9                               | 100.6                                    | 7 300*                             | 50.7                               | 102.6                                    | 9 600*                             | 53.5                               | 104.2                                    | 10 600                             | 52.0                                 |
| 54.0                                 | 43.4                               | 97.0                                     | 5 600*                             | 45.5                               | 98.7                                     | 6 800*                             | 48.5                               | 100.8                                    | 9 100*                             | 51.3                               | 102.6                                    | 10 000                             | 54.0                                 |
| 56.0                                 | 40.9                               | 94.7                                     | 5 200*                             | 43.0                               | 96.5                                     | 6 400*                             | 46.1                               | 98.9                                     | 8 500*                             | 49.1                               | 100.9                                    | 9 400                              | 56.0                                 |
| 58.0                                 | 38.1                               | 92.2                                     | 4 900*                             | 40.5                               | 94.2                                     | 6 000*                             | 43.7                               | 96.8                                     | 7 900*                             | 46.8                               | 99.0                                     | 8 900                              | 58.0                                 |
| 60.0                                 | 35.2                               | 89.4                                     | 4 600*                             | 37.7                               | 91.7                                     | 5 600*                             | 41.2                               | 94.6                                     | 7 400*                             | 44.4                               | 97.0                                     | 8 400                              | 60.0                                 |
| 62.0                                 | 32.1                               | 86.3                                     | 4 300*                             | 34.8                               | 88.8                                     | 5 200*                             | 38.5                               | 92.1                                     | 6 900*                             | 41.8                               | 94.8                                     | 7 900                              | 62.0                                 |
| 64.0                                 | 28.7                               | 82.7                                     | 4 100*                             | 31.6                               | 85.7                                     | 4 900*                             | 35.6                               | 89.4                                     | 6 400*                             | 39.2                               | 92.4                                     | 7 500                              | 64.0                                 |
| 66.0                                 | 24.8                               | 78.6                                     | 3 900*                             | 28.1                               | 82.0                                     | 4 600*                             | 32.5                               | 86.3                                     | 6 000*                             | 36.4                               | 89.7                                     | 7 100                              | 66.0                                 |
| 68.0                                 | 20.2                               | 73.5                                     | 3 700*                             | 24.2                               | 77.8                                     | 4 400*                             | 29.1                               | 82.8                                     | 5 600*                             | 33.3                               | 86.7                                     | 6 700                              | 68.0                                 |
| 70.0                                 | 14.1                               | 66.6                                     | 3 600*                             | 19.4                               | 72.5                                     | 4 200*                             | 25.3                               | 78.7                                     | 5 300*                             | 30.0                               | 83.3                                     | 6 300                              | 70.0                                 |
| 72.0                                 |                                    |                                          |                                    | 12.9                               | 65.1                                     | 4 100*                             | 20.8                               | 73.8                                     | 5 000*                             | 26.3                               | 79.4                                     | 6 000                              | 72.0                                 |
| 74.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 15.0                               | 67.2                                     | 4 800*                             | 22.0                               | 74.8                                     | 5 600                              | 74.0                                 |
| 76.0                                 |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 16.7                               | 68.7                                     | 5 300                              | 76.0                                 |



# Liftcrane Fixed Jib Capacities

**999 SERIES 3**

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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

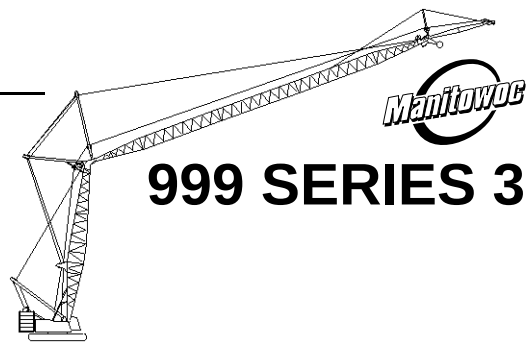
**48.8m (160 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib, 12.2m (40 Ft.) Fixed Jib**

| Fixed Jib<br>Oper.<br>Rad.<br>Meters | 88 Degree<br>Boom Angle            |                                          |                                    | 86 Degree<br>Boom Angle            |                                          |                                    | 83 Degree<br>Boom Angle            |                                          |                                    | 80 Degree<br>Boom Angle            |                                          |                                    | Fixed Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|--------------------------------------|
|                                      | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms |                                      |
| 24.4                                 | 74.2                               | 119.1                                    | 11 800*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 24.4                                 |
| 26.0                                 | 72.8                               | 118.6                                    | 11 700*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 26.0                                 |
| 28.0                                 | 71.1                               | 117.9                                    | 11 300*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 28.0                                 |
| 30.0                                 | 69.4                               | 117.1                                    | 11 200*                            | 70.8                               | 117.7                                    | 13 300*                            |                                    |                                          |                                    |                                    |                                          |                                    | 30.0                                 |
| 32.0                                 | 67.6                               | 116.3                                    | 10 900*                            | 69.1                               | 116.9                                    | 13 100*                            |                                    |                                          |                                    |                                    |                                          |                                    | 32.0                                 |
| 34.0                                 | 65.8                               | 115.4                                    | 10 600*                            | 67.3                               | 116.1                                    | 12 500*                            | 69.6                               | 116.8                                    | 13 200*                            |                                    |                                          |                                    | 34.0                                 |
| 36.0                                 | 64.0                               | 114.4                                    | 10 000*                            | 65.6                               | 115.2                                    | 11 900*                            | 67.8                               | 116.0                                    | 13 200*                            |                                    |                                          |                                    | 36.0                                 |
| 38.0                                 | 62.2                               | 113.4                                    | 9 400*                             | 63.8                               | 114.2                                    | 11 300*                            | 66.1                               | 115.1                                    | 13 100*                            |                                    |                                          |                                    | 38.0                                 |
| 40.0                                 | 60.4                               | 112.2                                    | 8 800*                             | 61.9                               | 113.1                                    | 10 600*                            | 64.3                               | 114.2                                    | 13 000*                            | 66.5                               | 115.0                                    | 12 800*                            | 40.0                                 |
| 42.0                                 | 58.5                               | 111.0                                    | 8 200*                             | 60.1                               | 111.9                                    | 10 000*                            | 62.4                               | 113.1                                    | 12 700*                            | 64.7                               | 114.0                                    | 12 800*                            | 42.0                                 |
| 44.0                                 | 56.5                               | 109.7                                    | 7 800*                             | 58.2                               | 110.7                                    | 9 400*                             | 60.6                               | 112.0                                    | 12 000*                            | 62.9                               | 113.0                                    | 12 800*                            | 44.0                                 |
| 46.0                                 | 54.5                               | 108.3                                    | 7 200*                             | 56.2                               | 109.4                                    | 8 900*                             | 58.7                               | 110.8                                    | 11 400*                            | 61.1                               | 111.9                                    | 12 700                             | 46.0                                 |
| 48.0                                 | 52.5                               | 106.7                                    | 6 800*                             | 54.2                               | 107.9                                    | 8 300*                             | 56.8                               | 109.5                                    | 10 700*                            | 59.2                               | 110.7                                    | 12 000                             | 48.0                                 |
| 50.0                                 | 50.4                               | 105.1                                    | 6 400*                             | 52.2                               | 106.4                                    | 7 800*                             | 54.8                               | 108.0                                    | 10 200*                            | 57.3                               | 109.4                                    | 11 200                             | 50.0                                 |
| 52.0                                 | 48.2                               | 103.3                                    | 5 900*                             | 50.1                               | 104.7                                    | 7 300*                             | 52.7                               | 106.5                                    | 9 600*                             | 55.3                               | 108.0                                    | 10 500                             | 52.0                                 |
| 54.0                                 | 46.0                               | 101.4                                    | 5 500*                             | 47.9                               | 102.9                                    | 6 800*                             | 50.7                               | 104.9                                    | 9 000*                             | 53.3                               | 106.5                                    | 9 900                              | 54.0                                 |
| 56.0                                 | 43.7                               | 99.3                                     | 5 200*                             | 45.7                               | 101.0                                    | 6 400*                             | 48.5                               | 103.1                                    | 8 400*                             | 51.2                               | 104.9                                    | 9 300                              | 56.0                                 |
| 58.0                                 | 41.2                               | 97.1                                     | 4 900*                             | 43.3                               | 98.9                                     | 6 000*                             | 46.3                               | 101.2                                    | 7 900*                             | 49.1                               | 103.2                                    | 8 800                              | 58.0                                 |
| 60.0                                 | 38.7                               | 94.6                                     | 4 600*                             | 40.9                               | 96.6                                     | 5 600*                             | 44.0                               | 99.2                                     | 7 400*                             | 46.9                               | 101.3                                    | 8 200                              | 60.0                                 |
| 62.0                                 | 35.9                               | 91.9                                     | 4 300*                             | 38.3                               | 94.1                                     | 5 300*                             | 41.5                               | 96.9                                     | 7 000*                             | 44.6                               | 99.3                                     | 7 800                              | 62.0                                 |
| 64.0                                 | 33.0                               | 88.8                                     | 4 100*                             | 35.5                               | 91.3                                     | 4 900*                             | 39.0                               | 94.5                                     | 6 500*                             | 42.2                               | 97.1                                     | 7 300                              | 64.0                                 |
| 66.0                                 | 29.8                               | 85.5                                     | 3 800*                             | 32.6                               | 88.3                                     | 4 700*                             | 36.3                               | 91.8                                     | 6 100*                             | 39.7                               | 94.7                                     | 6 900                              | 66.0                                 |
| 68.0                                 | 26.3                               | 81.5                                     | 3 700*                             | 29.3                               | 84.8                                     | 4 400*                             | 33.4                               | 88.8                                     | 5 700*                             | 37.0                               | 92.1                                     | 6 600                              | 68.0                                 |
| 70.0                                 | 22.2                               | 76.9                                     | 3 500*                             | 25.7                               | 80.8                                     | 4 200*                             | 30.2                               | 85.5                                     | 5 400*                             | 34.2                               | 89.2                                     | 6 200                              | 70.0                                 |
| 72.0                                 | 17.2                               | 71.0                                     | 3 400*                             | 21.5                               | 76.0                                     | 4 000*                             | 26.7                               | 81.6                                     | 5 100*                             | 31.1                               | 86.0                                     | 5 800                              | 72.0                                 |
| 74.0                                 | 9.7                                | 62.0                                     | 3 300*                             | 16.3                               | 69.8                                     | 3 800*                             | 22.7                               | 77.1                                     | 4 800*                             | 27.7                               | 82.3                                     | 5 500                              | 74.0                                 |
| 76.0                                 |                                    |                                          |                                    | 7.9                                | 59.7                                     | 3 600*                             | 17.8                               | 71.4                                     | 4 600*                             | 23.8                               | 78.0                                     | 5 200                              | 76.0                                 |
| 78.0                                 |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 19.2                               | 72.6                                     | 4 900                              | 78.0                                 |
| 80.0                                 |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 13.1                               | 65.3                                     | 4 600                              | 80.0                                 |

# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

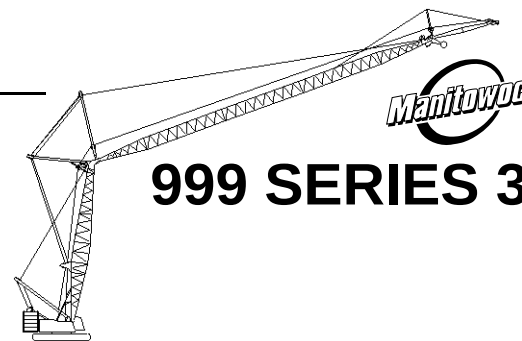
Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 999 SERIES 3

### 48.8m (160 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib, 12.2m (40 Ft.) Fixed Jib

| Fixed Jib Oper. Rad. Meters | 88 Degree Boom Angle      |                              |                              | 86 Degree Boom Angle      |                              |                              | 83 Degree Boom Angle      |                              |                              | 80 Degree Boom Angle      |                              |                              | Fixed Jib Oper. Rad. Meters |
|-----------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|-----------------------------|
|                             | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms |                             |
| 24.4                        | 74.8                      | 122.3                        | 10 800*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 24.4                        |
| 26.0                        | 73.5                      | 121.8                        | 10 700*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 26.0                        |
| 28.0                        | 71.9                      | 121.1                        | 10 600*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 28.0                        |
| 30.0                        | 70.3                      | 120.4                        | 10 400*                      | 71.7                      | 120.9                        | 12 300*                      |                           |                              |                              |                           |                              |                              | 30.0                        |
| 32.0                        | 68.6                      | 119.6                        | 10 200*                      | 70.0                      | 120.2                        | 12 200*                      |                           |                              |                              |                           |                              |                              | 32.0                        |
| 34.0                        | 66.9                      | 118.8                        | 10 000*                      | 68.3                      | 119.4                        | 12 000*                      |                           |                              |                              |                           |                              |                              | 34.0                        |
| 36.0                        | 65.2                      | 117.8                        | 9 700*                       | 66.6                      | 118.5                        | 11 400*                      | 68.8                      | 119.3                        | 12 200*                      |                           |                              |                              | 36.0                        |
| 38.0                        | 63.5                      | 116.8                        | 9 100*                       | 64.9                      | 117.6                        | 10 800*                      | 67.1                      | 118.5                        | 12 100*                      |                           |                              |                              | 38.0                        |
| 40.0                        | 61.7                      | 115.8                        | 8 600*                       | 63.2                      | 116.6                        | 10 200*                      | 65.4                      | 117.6                        | 12 000*                      |                           |                              |                              | 40.0                        |
| 42.0                        | 59.9                      | 114.6                        | 8 000*                       | 61.4                      | 115.5                        | 9 700*                       | 63.7                      | 116.6                        | 11 900*                      | 65.8                      | 117.4                        | 11 800*                      | 42.0                        |
| 44.0                        | 58.1                      | 113.3                        | 7 600*                       | 59.6                      | 114.3                        | 9 200*                       | 61.9                      | 115.5                        | 11 500*                      | 64.1                      | 116.4                        | 11 800*                      | 44.0                        |
| 46.0                        | 56.2                      | 112.0                        | 7 100*                       | 57.8                      | 113.0                        | 8 600*                       | 60.1                      | 114.3                        | 11 000*                      | 62.4                      | 115.4                        | 11 800*                      | 46.0                        |
| 48.0                        | 54.3                      | 110.6                        | 6 600*                       | 55.9                      | 111.7                        | 8 100*                       | 58.3                      | 113.1                        | 10 500*                      | 60.6                      | 114.2                        | 11 600                       | 48.0                        |
| 50.0                        | 52.4                      | 109.0                        | 6 200*                       | 54.0                      | 110.2                        | 7 600*                       | 56.4                      | 111.8                        | 9 900*                       | 58.8                      | 113.0                        | 11 000                       | 50.0                        |
| 52.0                        | 50.3                      | 107.4                        | 5 900*                       | 52.1                      | 108.7                        | 7 200*                       | 54.5                      | 110.4                        | 9 400*                       | 56.9                      | 111.7                        | 10 300                       | 52.0                        |
| 54.0                        | 48.3                      | 105.6                        | 5 500*                       | 50.0                      | 107.0                        | 6 800*                       | 52.6                      | 108.8                        | 8 800*                       | 55.0                      | 110.3                        | 9 600                        | 54.0                        |
| 56.0                        | 46.1                      | 103.7                        | 5 100*                       | 48.0                      | 105.2                        | 6 300*                       | 50.6                      | 107.2                        | 8 300*                       | 53.1                      | 108.8                        | 9 100                        | 56.0                        |
| 58.0                        | 43.9                      | 101.6                        | 4 800*                       | 45.8                      | 103.3                        | 6 000*                       | 48.5                      | 105.4                        | 7 800*                       | 51.1                      | 107.2                        | 8 500                        | 58.0                        |
| 60.0                        | 41.6                      | 99.4                         | 4 500*                       | 43.6                      | 101.2                        | 5 600*                       | 46.4                      | 103.5                        | 7 400*                       | 49.1                      | 105.5                        | 8 000                        | 60.0                        |
| 62.0                        | 39.1                      | 97.0                         | 4 300*                       | 41.2                      | 98.9                         | 5 300*                       | 44.2                      | 101.5                        | 6 900*                       | 47.0                      | 103.6                        | 7 600                        | 62.0                        |
| 64.0                        | 36.6                      | 94.3                         | 4 000*                       | 38.8                      | 96.5                         | 4 900*                       | 41.9                      | 99.3                         | 6 500*                       | 44.8                      | 101.6                        | 7 100                        | 64.0                        |
| 66.0                        | 33.8                      | 91.4                         | 3 800*                       | 36.2                      | 93.8                         | 4 700*                       | 39.4                      | 96.9                         | 6 100*                       | 42.5                      | 99.5                         | 6 800                        | 66.0                        |
| 68.0                        | 30.8                      | 88.1                         | 3 600*                       | 33.4                      | 90.8                         | 4 400*                       | 36.9                      | 94.2                         | 5 800*                       | 40.1                      | 97.1                         | 6 400                        | 68.0                        |
| 70.0                        | 27.6                      | 84.4                         | 3 500*                       | 30.4                      | 87.5                         | 4 100*                       | 34.2                      | 91.4                         | 5 400*                       | 37.6                      | 94.5                         | 6 000                        | 70.0                        |
| 72.0                        | 23.9                      | 80.1                         | 3 300*                       | 27.1                      | 83.7                         | 4 000*                       | 31.2                      | 88.1                         | 5 100*                       | 34.9                      | 91.7                         | 5 600                        | 72.0                        |
| 74.0                        | 19.5                      | 74.8                         | 3 200*                       | 23.3                      | 79.2                         | 3 800*                       | 28.0                      | 84.5                         | 4 800*                       | 32.0                      | 88.6                         | 5 300                        | 74.0                        |
| 76.0                        | 13.8                      | 67.7                         | 3 100*                       | 18.8                      | 73.8                         | 3 600*                       | 24.4                      | 80.2                         | 4 600*                       | 28.9                      | 85.1                         | 5 000                        | 76.0                        |
| 78.0                        |                           |                              |                              | 12.7                      | 66.2                         | 3 400*                       | 20.1                      | 75.1                         | 4 400*                       | 25.3                      | 81.0                         | 4 700*                       | 78.0                        |
| 80.0                        |                           |                              |                              |                           |                              |                              | 14.6                      | 68.3                         | 4 000*                       | 21.3                      | 76.1                         | 4 300*                       | 80.0                        |
| 82.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 16.2                      | 69.9                         | 4 000*                       | 82.0                        |



# Liftcrane Fixed Jib Capacities

**999 SERIES 3**

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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

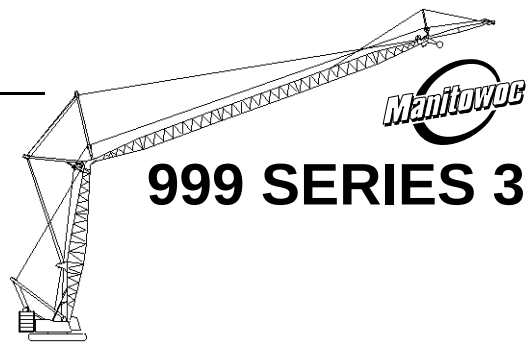
**48.8m (160 Ft.) Boom, 64.0m (210 Ft.) Luffing Jib, 12.2m (40 Ft.) Fixed Jib**

| Fixed Jib Oper. Rad. Meters | 88 Degree Boom Angle      |                              |                              | 86 Degree Boom Angle      |                              |                              | 83 Degree Boom Angle      |                              |                              | 80 Degree Boom Angle      |                              |                              | Fixed Jib Oper. Rad. Meters |
|-----------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|-----------------------------|
|                             | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms |                             |
| 25.9                        | 74.3                      | 125.0                        | 10 100*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 25.9                        |
| 26.0                        | 74.2                      | 125.0                        | 10 100*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 26.0                        |
| 28.0                        | 72.6                      | 124.3                        | 9 800*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 28.0                        |
| 30.0                        | 71.1                      | 123.6                        | 9 700*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 30.0                        |
| 32.0                        | 69.5                      | 122.9                        | 9 500*                       | 70.8                      | 123.4                        | 11 300*                      |                           |                              |                              |                           |                              |                              | 32.0                        |
| 34.0                        | 67.9                      | 122.1                        | 9 400*                       | 69.2                      | 122.7                        | 11 200*                      |                           |                              |                              |                           |                              |                              | 34.0                        |
| 36.0                        | 66.2                      | 121.2                        | 9 200*                       | 67.6                      | 121.8                        | 10 900*                      |                           |                              |                              |                           |                              |                              | 36.0                        |
| 38.0                        | 64.6                      | 120.2                        | 8 800*                       | 66.0                      | 120.9                        | 10 400*                      | 68.1                      | 121.8                        | 11 200*                      |                           |                              |                              | 38.0                        |
| 40.0                        | 62.9                      | 119.2                        | 8 300*                       | 64.3                      | 120.0                        | 9 900*                       | 66.4                      | 120.9                        | 11 100*                      |                           |                              |                              | 40.0                        |
| 42.0                        | 61.2                      | 118.1                        | 7 800*                       | 62.7                      | 118.9                        | 9 400*                       | 64.8                      | 120.0                        | 11 000*                      |                           |                              |                              | 42.0                        |
| 44.0                        | 59.5                      | 116.9                        | 7 300*                       | 61.0                      | 117.8                        | 8 900*                       | 63.1                      | 119.0                        | 10 900*                      | 65.2                      | 119.8                        | 10 800*                      | 44.0                        |
| 46.0                        | 57.7                      | 115.7                        | 6 900*                       | 59.2                      | 116.6                        | 8 400*                       | 61.4                      | 117.9                        | 10 500*                      | 63.6                      | 118.8                        | 10 800*                      | 46.0                        |
| 48.0                        | 55.9                      | 114.3                        | 6 500*                       | 57.5                      | 115.4                        | 7 900*                       | 59.7                      | 116.7                        | 10 100*                      | 61.9                      | 117.7                        | 10 800*                      | 48.0                        |
| 50.0                        | 54.1                      | 112.9                        | 6 100*                       | 55.7                      | 114.0                        | 7 500*                       | 58.0                      | 115.4                        | 9 600*                       | 60.2                      | 116.6                        | 10 500*                      | 50.0                        |
| 52.0                        | 52.2                      | 111.3                        | 5 800*                       | 53.8                      | 112.5                        | 7 100*                       | 56.2                      | 114.1                        | 9 100*                       | 58.4                      | 115.4                        | 10 100                       | 52.0                        |
| 54.0                        | 50.3                      | 109.7                        | 5 400*                       | 51.9                      | 111.0                        | 6 700*                       | 54.3                      | 112.7                        | 8 600*                       | 56.6                      | 114.0                        | 9 500                        | 54.0                        |
| 56.0                        | 48.3                      | 107.9                        | 5 100*                       | 50.0                      | 109.3                        | 6 300*                       | 52.5                      | 111.1                        | 8 200*                       | 54.8                      | 112.6                        | 8 900                        | 56.0                        |
| 58.0                        | 46.3                      | 106.0                        | 4 800*                       | 48.0                      | 107.5                        | 5 900*                       | 50.5                      | 109.5                        | 7 700*                       | 52.9                      | 111.1                        | 8 400                        | 58.0                        |
| 60.0                        | 44.1                      | 104.0                        | 4 500*                       | 45.9                      | 105.6                        | 5 600*                       | 48.5                      | 107.7                        | 7 300*                       | 51.0                      | 109.5                        | 7 800                        | 60.0                        |
| 62.0                        | 41.9                      | 101.8                        | 4 200*                       | 43.8                      | 103.5                        | 5 200*                       | 46.5                      | 105.8                        | 6 900*                       | 49.1                      | 107.8                        | 7 400                        | 62.0                        |
| 64.0                        | 39.6                      | 99.4                         | 4 000*                       | 41.6                      | 101.3                        | 4 900*                       | 44.4                      | 103.8                        | 6 500*                       | 47.0                      | 105.9                        | 7 000                        | 64.0                        |
| 66.0                        | 37.1                      | 96.7                         | 3 800*                       | 39.2                      | 98.9                         | 4 700*                       | 42.2                      | 101.6                        | 6 100*                       | 44.9                      | 103.9                        | 6 600                        | 66.0                        |
| 68.0                        | 34.5                      | 93.9                         | 3 600*                       | 36.8                      | 96.2                         | 4 400*                       | 39.9                      | 99.3                         | 5 800*                       | 42.8                      | 101.8                        | 6 200                        | 68.0                        |
| 70.0                        | 31.8                      | 90.7                         | 3 400*                       | 34.1                      | 93.3                         | 4 100*                       | 37.4                      | 96.7                         | 5 500*                       | 40.5                      | 99.5                         | 5 800                        | 70.0                        |
| 72.0                        | 28.7                      | 87.2                         | 3 200*                       | 31.3                      | 90.1                         | 3 900*                       | 34.9                      | 93.8                         | 5 200*                       | 38.1                      | 97.0                         | 5 500                        | 72.0                        |
| 74.0                        | 25.3                      | 83.1                         | 3 100*                       | 28.2                      | 86.5                         | 3 700*                       | 32.1                      | 90.7                         | 4 900*                       | 35.5                      | 94.2                         | 5 100*                       | 74.0                        |
| 76.0                        | 21.5                      | 78.3                         | 3 000*                       | 24.8                      | 82.3                         | 3 600*                       | 29.1                      | 87.2                         | 4 600*                       | 32.8                      | 91.2                         | 4 700*                       | 76.0                        |
| 78.0                        | 16.7                      | 72.2                         | 2 900*                       | 20.8                      | 77.3                         | 3 400*                       | 25.8                      | 83.2                         | 4 300*                       | 29.9                      | 87.8                         | 4 400*                       | 78.0                        |
| 80.0                        | 9.7                       | 63.0                         | 2 400*                       | 15.8                      | 71.0                         | 3 200*                       | 22.0                      | 78.5                         | 4 000*                       | 26.7                      | 83.9                         | 4 100*                       | 80.0                        |
| 82.0                        |                           |                              |                              | 8.1                       | 60.8                         | 2 400*                       | 17.3                      | 72.6                         | 3 700*                       | 23.0                      | 79.4                         | 3 800*                       | 82.0                        |
| 84.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 18.6                      | 73.9                         | 3 500*                       | 84.0                        |
| 86.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 12.8                      | 66.4                         | 3 200*                       | 86.0                        |

# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

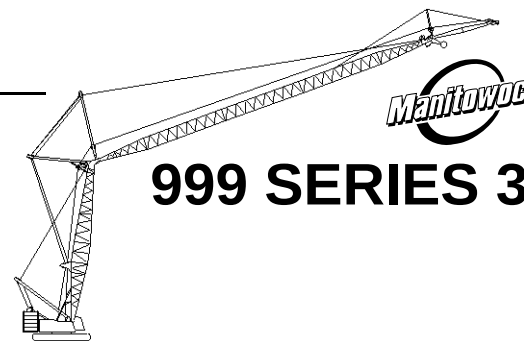
Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



**999 SERIES 3**

**48.8m (160 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib, 15.2m (50 Ft.) Fixed Jib**

| Fixed Jib<br>Oper.<br>Rad.<br>Meters | 88 Degree<br>Boom Angle            |                                          |                                    | 86 Degree<br>Boom Angle            |                                          |                                    | 83 Degree<br>Boom Angle            |                                          |                                    | 80 Degree<br>Boom Angle            |                                          |                                    | Fixed Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|--------------------------------------|
|                                      | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms |                                      |
| 24.4                                 | 73.9                               | 116.0                                    | 11 600*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 24.4                                 |
| 26.0                                 | 72.5                               | 115.5                                    | 11 600*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 26.0                                 |
| 28.0                                 | 70.7                               | 114.7                                    | 11 400*                            | 72.2                               | 115.2                                    | 13 300*                            |                                    |                                          |                                    |                                    |                                          |                                    | 28.0                                 |
| 30.0                                 | 68.9                               | 114.0                                    | 11 300*                            | 70.4                               | 114.5                                    | 13 300*                            |                                    |                                          |                                    |                                    |                                          |                                    | 30.0                                 |
| 32.0                                 | 67.0                               | 113.1                                    | 11 200*                            | 68.6                               | 113.7                                    | 13 300*                            |                                    |                                          |                                    |                                    |                                          |                                    | 32.0                                 |
| 34.0                                 | 65.2                               | 112.2                                    | 10 900*                            | 66.8                               | 112.8                                    | 13 000*                            | 69.1                               | 113.7                                    | 13 200*                            |                                    |                                          |                                    | 34.0                                 |
| 36.0                                 | 63.3                               | 111.1                                    | 10 400*                            | 64.9                               | 111.9                                    | 12 300*                            | 67.3                               | 112.8                                    | 13 200*                            |                                    |                                          |                                    | 36.0                                 |
| 38.0                                 | 61.4                               | 110.0                                    | 9 700*                             | 63.0                               | 110.9                                    | 11 600*                            | 65.4                               | 111.9                                    | 13 200*                            |                                    |                                          |                                    | 38.0                                 |
| 40.0                                 | 59.4                               | 108.8                                    | 9 100*                             | 61.1                               | 109.7                                    | 10 900*                            | 63.5                               | 110.9                                    | 12 800*                            | 65.9                               | 111.7                                    | 12 900*                            | 40.0                                 |
| 42.0                                 | 57.4                               | 107.5                                    | 8 500*                             | 59.1                               | 108.5                                    | 10 300*                            | 61.6                               | 109.8                                    | 12 000*                            | 64.0                               | 110.7                                    | 12 900*                            | 42.0                                 |
| 44.0                                 | 55.3                               | 106.1                                    | 7 900*                             | 57.1                               | 107.2                                    | 9 600*                             | 59.6                               | 108.6                                    | 11 400*                            | 62.1                               | 109.7                                    | 12 400*                            | 44.0                                 |
| 46.0                                 | 53.2                               | 104.6                                    | 7 400*                             | 55.0                               | 105.8                                    | 9 000*                             | 57.6                               | 107.3                                    | 10 800*                            | 60.1                               | 108.5                                    | 11 800*                            | 46.0                                 |
| 48.0                                 | 51.0                               | 103.0                                    | 6 800*                             | 52.9                               | 104.3                                    | 8 400*                             | 55.6                               | 105.9                                    | 10 200*                            | 58.1                               | 107.2                                    | 11 100*                            | 48.0                                 |
| 50.0                                 | 48.8                               | 101.3                                    | 6 400*                             | 50.7                               | 102.6                                    | 7 800*                             | 53.5                               | 104.4                                    | 9 700*                             | 56.1                               | 105.9                                    | 10 600*                            | 50.0                                 |
| 52.0                                 | 46.4                               | 99.3                                     | 5 900*                             | 48.4                               | 100.9                                    | 7 300*                             | 51.3                               | 102.8                                    | 9 300*                             | 54.0                               | 104.4                                    | 10 100*                            | 52.0                                 |
| 54.0                                 | 44.0                               | 97.3                                     | 5 500*                             | 46.1                               | 98.9                                     | 6 800*                             | 49.0                               | 101.1                                    | 8 800*                             | 51.9                               | 102.8                                    | 9 600*                             | 54.0                                 |
| 56.0                                 | 41.5                               | 95.0                                     | 5 200*                             | 43.6                               | 96.8                                     | 6 300*                             | 46.7                               | 99.2                                     | 8 400*                             | 49.6                               | 101.1                                    | 9 100*                             | 56.0                                 |
| 58.0                                 | 38.8                               | 92.5                                     | 4 800*                             | 41.1                               | 94.5                                     | 5 900*                             | 44.3                               | 97.1                                     | 7 900*                             | 47.3                               | 99.3                                     | 8 700*                             | 58.0                                 |
| 60.0                                 | 35.9                               | 89.8                                     | 4 500*                             | 38.4                               | 92.0                                     | 5 500*                             | 41.8                               | 94.9                                     | 7 300*                             | 44.9                               | 97.3                                     | 8 300*                             | 60.0                                 |
| 62.0                                 | 32.8                               | 86.7                                     | 4 200*                             | 35.5                               | 89.2                                     | 5 100*                             | 39.1                               | 92.4                                     | 6 800*                             | 42.4                               | 95.1                                     | 8 000*                             | 62.0                                 |
| 64.0                                 | 29.4                               | 83.2                                     | 4 000*                             | 32.3                               | 86.1                                     | 4 800*                             | 36.3                               | 89.7                                     | 6 300*                             | 39.8                               | 92.7                                     | 7 700*                             | 64.0                                 |
| 66.0                                 | 25.6                               | 79.2                                     | 3 800*                             | 28.9                               | 82.6                                     | 4 500*                             | 33.2                               | 86.7                                     | 5 900*                             | 37.0                               | 90.1                                     | 7 300                              | 66.0                                 |
| 68.0                                 | 21.1                               | 74.3                                     | 3 600*                             | 25.0                               | 78.4                                     | 4 300*                             | 29.8                               | 83.3                                     | 5 500*                             | 34.0                               | 87.1                                     | 6 900                              | 68.0                                 |
| 70.0                                 | 15.3                               | 67.7                                     | 3 500*                             | 20.4                               | 73.3                                     | 4 000*                             | 26.1                               | 79.3                                     | 5 200*                             | 30.7                               | 83.8                                     | 6 600                              | 70.0                                 |
| 72.0                                 |                                    |                                          |                                    | 14.3                               | 66.4                                     | 3 900*                             | 21.7                               | 74.5                                     | 4 900*                             | 27.1                               | 80.0                                     | 6 200                              | 72.0                                 |
| 74.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 16.1                               | 68.3                                     | 4 600*                             | 22.9                               | 75.5                                     | 5 900                              | 74.0                                 |
| 76.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 6.5                                | 57.0                                     | 4 400*                             | 17.8                               | 69.7                                     | 5 600                              | 76.0                                 |



# Liftcrane Fixed Jib Capacities

**999 SERIES 3**

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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

**48.8m (160 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib, 15.2m (50 Ft.) Fixed Jib**

| Fixed Jib Oper. Rad. Meters | 88 Degree Boom Angle      |                              |                              | 86 Degree Boom Angle      |                              |                              | 83 Degree Boom Angle      |                              |                              | 80 Degree Boom Angle      |                              |                              | Fixed Jib Oper. Rad. Meters |
|-----------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|-----------------------------|
|                             | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms |                             |
| 24.4                        | 74.6                      | 119.2                        | 10 900*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 24.4                        |
| 26.0                        | 73.3                      | 118.7                        | 10 800*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 26.0                        |
| 28.0                        | 71.6                      | 118.0                        | 10 800*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 28.0                        |
| 30.0                        | 69.8                      | 117.2                        | 10 700*                      | 71.3                      | 117.8                        | 12 500*                      |                           |                              |                              |                           |                              |                              | 30.0                        |
| 32.0                        | 68.1                      | 116.4                        | 10 500*                      | 69.6                      | 117.0                        | 12 500*                      |                           |                              |                              |                           |                              |                              | 32.0                        |
| 34.0                        | 66.3                      | 115.5                        | 10 400*                      | 67.8                      | 116.2                        | 12 400*                      |                           |                              |                              |                           |                              |                              | 34.0                        |
| 36.0                        | 64.5                      | 114.6                        | 10 000*                      | 66.1                      | 115.3                        | 11 800*                      | 68.3                      | 116.1                        | 12 400*                      |                           |                              |                              | 36.0                        |
| 38.0                        | 62.7                      | 113.5                        | 9 400*                       | 64.3                      | 114.3                        | 11 200*                      | 66.5                      | 115.2                        | 12 300*                      |                           |                              |                              | 38.0                        |
| 40.0                        | 60.9                      | 112.4                        | 8 900*                       | 62.4                      | 113.2                        | 10 600*                      | 64.7                      | 114.3                        | 12 300*                      |                           |                              |                              | 40.0                        |
| 42.0                        | 59.0                      | 111.2                        | 8 300*                       | 60.6                      | 112.1                        | 10 000*                      | 62.9                      | 113.3                        | 11 600*                      | 65.2                      | 114.1                        | 12 100*                      | 42.0                        |
| 44.0                        | 57.0                      | 109.9                        | 7 800*                       | 58.7                      | 110.9                        | 9 400*                       | 61.1                      | 112.1                        | 10 900*                      | 63.4                      | 113.1                        | 11 900*                      | 44.0                        |
| 46.0                        | 55.1                      | 108.5                        | 7 300*                       | 56.7                      | 109.6                        | 8 800*                       | 59.2                      | 110.9                        | 10 300*                      | 61.6                      | 112.0                        | 11 300*                      | 46.0                        |
| 48.0                        | 53.0                      | 106.9                        | 6 800*                       | 54.8                      | 108.1                        | 8 300*                       | 57.3                      | 109.6                        | 9 800*                       | 59.7                      | 110.8                        | 10 700*                      | 48.0                        |
| 50.0                        | 50.9                      | 105.3                        | 6 300*                       | 52.7                      | 106.6                        | 7 700*                       | 55.3                      | 108.2                        | 9 400*                       | 57.8                      | 109.6                        | 10 200*                      | 50.0                        |
| 52.0                        | 48.8                      | 103.6                        | 5 900*                       | 50.6                      | 104.9                        | 7 300*                       | 53.3                      | 106.7                        | 8 900*                       | 55.8                      | 108.2                        | 9 700*                       | 52.0                        |
| 54.0                        | 46.6                      | 101.7                        | 5 500*                       | 48.5                      | 103.2                        | 6 800*                       | 51.2                      | 105.1                        | 8 500*                       | 53.8                      | 106.7                        | 9 200*                       | 54.0                        |
| 56.0                        | 44.2                      | 99.6                         | 5 200*                       | 46.2                      | 101.2                        | 6 400*                       | 49.0                      | 103.4                        | 8 100*                       | 51.7                      | 105.1                        | 8 800*                       | 56.0                        |
| 58.0                        | 41.8                      | 97.4                         | 4 800*                       | 43.9                      | 99.2                         | 5 900*                       | 46.8                      | 101.5                        | 7 700*                       | 49.6                      | 103.4                        | 8 400*                       | 58.0                        |
| 60.0                        | 39.3                      | 94.9                         | 4 500*                       | 41.4                      | 96.9                         | 5 600*                       | 44.5                      | 99.5                         | 7 400*                       | 47.4                      | 101.6                        | 8 000*                       | 60.0                        |
| 62.0                        | 36.6                      | 92.2                         | 4 200*                       | 38.9                      | 94.4                         | 5 200*                       | 42.1                      | 97.2                         | 6 900*                       | 45.1                      | 99.6                         | 7 700*                       | 62.0                        |
| 64.0                        | 33.7                      | 89.3                         | 4 000*                       | 36.1                      | 91.7                         | 4 900*                       | 39.6                      | 94.8                         | 6 400*                       | 42.7                      | 97.4                         | 7 300*                       | 64.0                        |
| 66.0                        | 30.5                      | 85.9                         | 3 800*                       | 33.2                      | 88.7                         | 4 600*                       | 36.9                      | 92.2                         | 6 000*                       | 40.2                      | 95.1                         | 7 000*                       | 66.0                        |
| 68.0                        | 27.0                      | 82.1                         | 3 600*                       | 30.0                      | 85.3                         | 4 300*                       | 34.0                      | 89.3                         | 5 600*                       | 37.6                      | 92.5                         | 6 700                        | 68.0                        |
| 70.0                        | 23.0                      | 77.6                         | 3 400*                       | 26.5                      | 81.4                         | 4 000*                       | 30.9                      | 86.0                         | 5 300*                       | 34.8                      | 89.6                         | 6 400                        | 70.0                        |
| 72.0                        | 18.2                      | 71.9                         | 3 300*                       | 22.4                      | 76.7                         | 3 900*                       | 27.5                      | 82.2                         | 4 900*                       | 31.7                      | 86.4                         | 6 000                        | 72.0                        |
| 74.0                        | 11.3                      | 63.6                         | 3 200*                       | 17.3                      | 70.8                         | 3 700*                       | 23.5                      | 77.8                         | 4 700*                       | 28.4                      | 82.8                         | 5 700                        | 74.0                        |
| 76.0                        |                           |                              |                              | 9.8                       | 61.6                         | 3 600*                       | 18.8                      | 72.3                         | 4 400*                       | 24.6                      | 78.6                         | 5 400                        | 76.0                        |
| 78.0                        |                           |                              |                              |                           |                              |                              | 12.3                      | 64.5                         | 4 200*                       | 20.2                      | 73.4                         | 5 100                        | 78.0                        |
| 80.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 14.3                      | 66.5                         | 4 800                        | 80.0                        |

# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

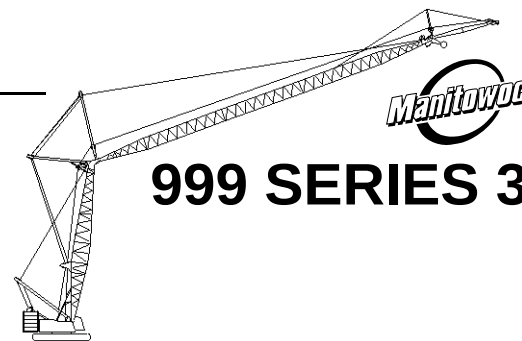
Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



**999 SERIES 3**

**48.8m (160 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib, 15.2m (50 Ft.) Fixed Jib**

| Fixed Jib<br>Oper.<br>Rad.<br>Meters | 88 Degree<br>Boom Angle            |                                          |                                    | 86 Degree<br>Boom Angle            |                                          |                                    | 83 Degree<br>Boom Angle            |                                          |                                    | 80 Degree<br>Boom Angle            |                                          |                                    | Fixed Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|--------------------------------------|
|                                      | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms |                                      |
| 25.9                                 | 74.1                               | 121.9                                    | 10 200*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 25.9                                 |
| 26.0                                 | 74.0                               | 121.9                                    | 10 200*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 26.0                                 |
| 28.0                                 | 72.4                               | 121.2                                    | 10 100*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 28.0                                 |
| 30.0                                 | 70.7                               | 120.5                                    | 10 000*                            | 72.1                               | 121.0                                    | 11 700*                            |                                    |                                          |                                    |                                    |                                          |                                    | 30.0                                 |
| 32.0                                 | 69.0                               | 119.7                                    | 9 900*                             | 70.5                               | 120.3                                    | 11 700*                            |                                    |                                          |                                    |                                    |                                          |                                    | 32.0                                 |
| 34.0                                 | 67.4                               | 118.9                                    | 9 800*                             | 68.8                               | 119.5                                    | 11 600*                            |                                    |                                          |                                    |                                    |                                          |                                    | 34.0                                 |
| 36.0                                 | 65.7                               | 118.0                                    | 9 600*                             | 67.1                               | 118.6                                    | 11 300*                            |                                    |                                          |                                    |                                    |                                          |                                    | 36.0                                 |
| 38.0                                 | 63.9                               | 117.0                                    | 9 100*                             | 65.4                               | 117.7                                    | 10 800*                            | 67.6                               | 118.6                                    | 11 600*                            |                                    |                                          |                                    | 38.0                                 |
| 40.0                                 | 62.2                               | 115.9                                    | 8 600*                             | 63.7                               | 116.7                                    | 10 300*                            | 65.9                               | 117.7                                    | 11 500*                            |                                    |                                          |                                    | 40.0                                 |
| 42.0                                 | 60.4                               | 114.8                                    | 8 100*                             | 61.9                               | 115.6                                    | 9 700*                             | 64.1                               | 116.7                                    | 11 500*                            |                                    |                                          |                                    | 42.0                                 |
| 44.0                                 | 58.6                               | 113.5                                    | 7 600*                             | 60.1                               | 114.5                                    | 9 200*                             | 62.4                               | 115.6                                    | 11 300*                            | 64.6                               | 116.5                                    | 11 200*                            | 44.0                                 |
| 46.0                                 | 56.7                               | 112.2                                    | 7 100*                             | 58.3                               | 113.2                                    | 8 700*                             | 60.6                               | 114.5                                    | 10 800*                            | 62.8                               | 115.5                                    | 11 200*                            | 46.0                                 |
| 48.0                                 | 54.8                               | 110.8                                    | 6 700*                             | 56.4                               | 111.9                                    | 8 200*                             | 58.8                               | 113.3                                    | 10 200*                            | 61.1                               | 114.4                                    | 11 100*                            | 48.0                                 |
| 50.0                                 | 52.9                               | 109.2                                    | 6 300*                             | 54.5                               | 110.4                                    | 7 700*                             | 56.9                               | 112.0                                    | 9 700*                             | 59.3                               | 113.2                                    | 10 600*                            | 50.0                                 |
| 52.0                                 | 50.9                               | 107.6                                    | 5 900*                             | 52.6                               | 108.9                                    | 7 200*                             | 55.0                               | 110.6                                    | 9 300*                             | 57.4                               | 111.9                                    | 10 100*                            | 52.0                                 |
| 54.0                                 | 48.8                               | 105.9                                    | 5 500*                             | 50.6                               | 107.2                                    | 6 700*                             | 53.1                               | 109.0                                    | 8 800*                             | 55.5                               | 110.5                                    | 9 600*                             | 54.0                                 |
| 56.0                                 | 46.7                               | 104.0                                    | 5 100*                             | 48.5                               | 105.5                                    | 6 300*                             | 51.1                               | 107.4                                    | 8 300*                             | 53.6                               | 109.0                                    | 9 200*                             | 56.0                                 |
| 58.0                                 | 44.4                               | 101.9                                    | 4 800*                             | 46.3                               | 103.6                                    | 5 900*                             | 49.0                               | 105.7                                    | 7 800*                             | 51.6                               | 107.4                                    | 8 800*                             | 58.0                                 |
| 60.0                                 | 42.1                               | 99.7                                     | 4 500*                             | 44.1                               | 101.5                                    | 5 600*                             | 46.9                               | 103.8                                    | 7 300*                             | 49.6                               | 105.7                                    | 8 300*                             | 60.0                                 |
| 62.0                                 | 39.7                               | 97.3                                     | 4 200*                             | 41.8                               | 99.3                                     | 5 200*                             | 44.7                               | 101.8                                    | 6 900*                             | 47.5                               | 103.9                                    | 7 800*                             | 62.0                                 |
| 64.0                                 | 37.2                               | 94.7                                     | 4 000*                             | 39.3                               | 96.8                                     | 4 900*                             | 42.4                               | 99.6                                     | 6 500*                             | 45.3                               | 101.9                                    | 7 400*                             | 64.0                                 |
| 66.0                                 | 34.4                               | 91.8                                     | 3 800*                             | 36.8                               | 94.2                                     | 4 600*                             | 40.0                               | 97.2                                     | 6 100*                             | 43.0                               | 99.8                                     | 7 000*                             | 66.0                                 |
| 68.0                                 | 31.5                               | 88.6                                     | 3 600*                             | 34.0                               | 91.2                                     | 4 300*                             | 37.5                               | 94.6                                     | 5 700*                             | 40.6                               | 97.4                                     | 6 600*                             | 68.0                                 |
| 70.0                                 | 28.3                               | 84.9                                     | 3 400*                             | 31.0                               | 87.9                                     | 4 100*                             | 34.8                               | 91.8                                     | 5 400*                             | 38.1                               | 94.9                                     | 6 200*                             | 70.0                                 |
| 72.0                                 | 24.7                               | 80.7                                     | 3 200*                             | 27.8                               | 84.2                                     | 3 900*                             | 31.9                               | 88.6                                     | 5 000*                             | 35.5                               | 92.1                                     | 5 900*                             | 72.0                                 |
| 74.0                                 | 20.4                               | 75.6                                     | 3 100*                             | 24.1                               | 79.9                                     | 3 700*                             | 28.7                               | 85.0                                     | 4 700*                             | 32.6                               | 89.0                                     | 5 600*                             | 74.0                                 |
| 76.0                                 | 15.0                               | 68.9                                     | 3 000*                             | 19.7                               | 74.6                                     | 3 500*                             | 25.1                               | 80.8                                     | 4 500*                             | 29.5                               | 85.6                                     | 5 300*                             | 76.0                                 |
| 78.0                                 |                                    |                                          |                                    | 13.9                               | 67.5                                     | 3 400*                             | 20.9                               | 75.9                                     | 4 200*                             | 26.1                               | 81.6                                     | 5 000*                             | 78.0                                 |
| 80.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 15.7                               | 69.4                                     | 4 100*                             | 22.1                               | 76.9                                     | 4 700*                             | 80.0                                 |
| 82.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 6.9                                | 58.3                                     | 3 300*                             | 17.2                               | 70.9                                     | 4 400*                             | 82.0                                 |



# Liftcrane Fixed Jib Capacities

**999 SERIES 3**

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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

**48.8m (160 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib, 15.2m (50 Ft.) Fixed Jib**

| Fixed Jib<br>Oper.<br>Rad.<br>Meters | 88 Degree<br>Boom Angle            |                                          |                                    | 86 Degree<br>Boom Angle            |                                          |                                    | 83 Degree<br>Boom Angle            |                                          |                                    | 80 Degree<br>Boom Angle            |                                          |                                    | Fixed Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|--------------------------------------|
|                                      | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms |                                      |
| 25.9                                 | 74.7                               | 125.1                                    | 9 700*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 25.9                                 |
| 26.0                                 | 74.6                               | 125.0                                    | 9 700*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 26.0                                 |
| 28.0                                 | 73.1                               | 124.4                                    | 9 400*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 28.0                                 |
| 30.0                                 | 71.5                               | 123.7                                    | 9 300*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 30.0                                 |
| 32.0                                 | 69.9                               | 123.0                                    | 9 200*                             | 71.3                               | 123.5                                    | 10 800*                            |                                    |                                          |                                    |                                    |                                          |                                    | 32.0                                 |
| 34.0                                 | 68.3                               | 122.2                                    | 9 100*                             | 69.7                               | 122.8                                    | 10 800*                            |                                    |                                          |                                    |                                    |                                          |                                    | 34.0                                 |
| 36.0                                 | 66.7                               | 121.3                                    | 9 000*                             | 68.1                               | 121.9                                    | 10 700*                            |                                    |                                          |                                    |                                    |                                          |                                    | 36.0                                 |
| 38.0                                 | 65.0                               | 120.4                                    | 8 800*                             | 66.4                               | 121.1                                    | 10 400*                            | 68.5                               | 121.9                                    | 10 700*                            |                                    |                                          |                                    | 38.0                                 |
| 40.0                                 | 63.4                               | 119.4                                    | 8 300*                             | 64.8                               | 120.1                                    | 9 900*                             | 66.9                               | 121.0                                    | 10 700*                            |                                    |                                          |                                    | 40.0                                 |
| 42.0                                 | 61.7                               | 118.3                                    | 7 800*                             | 63.1                               | 119.1                                    | 9 400*                             | 65.2                               | 120.1                                    | 10 600*                            |                                    |                                          |                                    | 42.0                                 |
| 44.0                                 | 60.0                               | 117.1                                    | 7 400*                             | 61.4                               | 118.0                                    | 8 900*                             | 63.6                               | 119.1                                    | 10 600*                            | 65.7                               | 119.9                                    | 10 400*                            | 44.0                                 |
| 46.0                                 | 58.2                               | 115.9                                    | 7 000*                             | 59.7                               | 116.8                                    | 8 400*                             | 61.9                               | 118.0                                    | 10 400*                            | 64.0                               | 118.9                                    | 10 400*                            | 46.0                                 |
| 48.0                                 | 56.4                               | 114.5                                    | 6 600*                             | 57.9                               | 115.5                                    | 8 000*                             | 60.2                               | 116.9                                    | 9 900*                             | 62.3                               | 117.9                                    | 10 400*                            | 48.0                                 |
| 50.0                                 | 54.6                               | 113.1                                    | 6 200*                             | 56.1                               | 114.2                                    | 7 500*                             | 58.4                               | 115.6                                    | 9 400*                             | 60.6                               | 116.7                                    | 10 200*                            | 50.0                                 |
| 52.0                                 | 52.7                               | 111.6                                    | 5 800*                             | 54.3                               | 112.7                                    | 7 100*                             | 56.6                               | 114.3                                    | 9 000*                             | 58.9                               | 115.5                                    | 9 700*                             | 52.0                                 |
| 54.0                                 | 50.8                               | 109.9                                    | 5 400*                             | 52.4                               | 111.2                                    | 6 700*                             | 54.8                               | 112.9                                    | 8 600*                             | 57.1                               | 114.2                                    | 9 300*                             | 54.0                                 |
| 56.0                                 | 48.8                               | 108.2                                    | 5 100*                             | 50.5                               | 109.5                                    | 6 200*                             | 52.9                               | 111.3                                    | 8 200*                             | 55.3                               | 112.8                                    | 8 900*                             | 56.0                                 |
| 58.0                                 | 46.8                               | 106.3                                    | 4 800*                             | 48.5                               | 107.8                                    | 5 900*                             | 51.0                               | 109.7                                    | 7 700*                             | 53.4                               | 111.3                                    | 8 500*                             | 58.0                                 |
| 60.0                                 | 44.6                               | 104.2                                    | 4 500*                             | 46.4                               | 105.9                                    | 5 500*                             | 49.0                               | 108.0                                    | 7 300*                             | 51.5                               | 109.7                                    | 8 100                              | 60.0                                 |
| 62.0                                 | 42.4                               | 102.1                                    | 4 200*                             | 44.3                               | 103.8                                    | 5 200*                             | 47.0                               | 106.1                                    | 6 800*                             | 49.6                               | 108.0                                    | 7 600                              | 62.0                                 |
| 64.0                                 | 40.1                               | 99.7                                     | 4 000*                             | 42.1                               | 101.6                                    | 4 900*                             | 44.9                               | 104.1                                    | 6 500*                             | 47.5                               | 106.2                                    | 7 200                              | 64.0                                 |
| 66.0                                 | 37.7                               | 97.1                                     | 3 700*                             | 39.8                               | 99.2                                     | 4 600*                             | 42.7                               | 101.9                                    | 6 100*                             | 45.5                               | 104.2                                    | 6 800                              | 66.0                                 |
| 68.0                                 | 35.1                               | 94.3                                     | 3 500*                             | 37.3                               | 96.6                                     | 4 400*                             | 40.4                               | 99.6                                     | 5 700*                             | 43.3                               | 102.1                                    | 6 400                              | 68.0                                 |
| 70.0                                 | 32.4                               | 91.2                                     | 3 400*                             | 34.7                               | 93.7                                     | 4 100*                             | 38.0                               | 97.0                                     | 5 400*                             | 41.0                               | 99.8                                     | 6 000                              | 70.0                                 |
| 72.0                                 | 29.4                               | 87.7                                     | 3 200*                             | 31.9                               | 90.6                                     | 3 900*                             | 35.4                               | 94.2                                     | 5 100*                             | 38.6                               | 97.3                                     | 5 700                              | 72.0                                 |
| 74.0                                 | 26.0                               | 83.7                                     | 3 000*                             | 28.9                               | 87.0                                     | 3 700*                             | 32.7                               | 91.2                                     | 4 800*                             | 36.1                               | 94.6                                     | 5 400                              | 74.0                                 |
| 76.0                                 | 22.2                               | 79.0                                     | 2 900*                             | 25.5                               | 82.9                                     | 3 500*                             | 29.7                               | 87.7                                     | 4 500*                             | 33.4                               | 91.6                                     | 5 100                              | 76.0                                 |
| 78.0                                 | 17.6                               | 73.1                                     | 2 800*                             | 21.6                               | 78.1                                     | 3 300*                             | 26.5                               | 83.8                                     | 4 300*                             | 30.5                               | 88.2                                     | 4 800*                             | 78.0                                 |
| 80.0                                 | 11.2                               | 64.7                                     | 2 700*                             | 16.8                               | 72.0                                     | 3 200*                             | 22.7                               | 79.2                                     | 4 100*                             | 27.3                               | 84.5                                     | 4 400*                             | 80.0                                 |
| 82.0                                 |                                    |                                          |                                    | 9.8                                | 62.7                                     | 2 800*                             | 18.2                               | 73.5                                     | 3 900*                             | 23.8                               | 80.1                                     | 4 100*                             | 82.0                                 |
| 84.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 12.1                               | 65.5                                     | 3 400*                             | 19.5                               | 74.7                                     | 3 800*                             | 84.0                                 |
| 86.0                                 |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 14.0                               | 67.6                                     | 3 500*                             | 86.0                                 |

# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

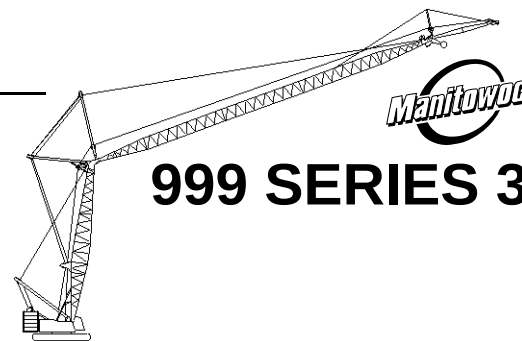
Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 999 SERIES 3

### 48.8m (160 Ft.) Boom, 64.0m (210 Ft.) Luffing Jib, 15.2m (50 Ft.) Fixed Jib

| Fixed Jib<br>Oper.<br>Rad.<br>Meters | 88 Degree<br>Boom Angle            |                                          |                                    | 86 Degree<br>Boom Angle            |                                          |                                    | 83 Degree<br>Boom Angle            |                                          |                                    | 80 Degree<br>Boom Angle            |                                          |                                    | Fixed Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|--------------------------------------|
|                                      | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms |                                      |
| 27.4                                 | 74.2                               | 127.8                                    | 8 800*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 27.4                                 |
| 28.0                                 | 73.7                               | 127.6                                    | 8 800*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 28.0                                 |
| 30.0                                 | 72.2                               | 127.0                                    | 8 700*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 30.0                                 |
| 32.0                                 | 70.7                               | 126.3                                    | 8 600*                             | 72.0                               | 126.8                                    | 10 100*                            |                                    |                                          |                                    |                                    |                                          |                                    | 32.0                                 |
| 34.0                                 | 69.2                               | 125.5                                    | 8 500*                             | 70.5                               | 126.0                                    | 10 000*                            |                                    |                                          |                                    |                                    |                                          |                                    | 34.0                                 |
| 36.0                                 | 67.6                               | 124.7                                    | 8 400*                             | 69.0                               | 125.2                                    | 9 900*                             |                                    |                                          |                                    |                                    |                                          |                                    | 36.0                                 |
| 38.0                                 | 66.1                               | 123.8                                    | 8 300*                             | 67.4                               | 124.4                                    | 9 800*                             |                                    |                                          |                                    |                                    |                                          |                                    | 38.0                                 |
| 40.0                                 | 64.5                               | 122.8                                    | 8 000*                             | 65.8                               | 123.5                                    | 9 400*                             | 67.8                               | 124.4                                    | 9 900*                             |                                    |                                          |                                    | 40.0                                 |
| 42.0                                 | 62.9                               | 121.7                                    | 7 600*                             | 64.2                               | 122.5                                    | 9 000*                             | 66.3                               | 123.5                                    | 9 900*                             |                                    |                                          |                                    | 42.0                                 |
| 44.0                                 | 61.2                               | 120.6                                    | 7 200*                             | 62.6                               | 121.5                                    | 8 600*                             | 64.7                               | 122.5                                    | 9 800*                             |                                    |                                          |                                    | 44.0                                 |
| 46.0                                 | 59.6                               | 119.5                                    | 6 800*                             | 61.0                               | 120.4                                    | 8 100*                             | 63.1                               | 121.5                                    | 9 800*                             | 65.1                               | 122.4                                    | 9 600*                             | 46.0                                 |
| 48.0                                 | 57.9                               | 118.2                                    | 6 400*                             | 59.3                               | 119.2                                    | 7 700*                             | 61.4                               | 120.4                                    | 9 400*                             | 63.5                               | 121.3                                    | 9 600*                             | 48.0                                 |
| 50.0                                 | 56.1                               | 116.8                                    | 6 000*                             | 57.6                               | 117.9                                    | 7 300*                             | 59.8                               | 119.2                                    | 8 900*                             | 61.9                               | 120.3                                    | 9 600*                             | 50.0                                 |
| 52.0                                 | 54.4                               | 115.4                                    | 5 700*                             | 55.9                               | 116.5                                    | 6 900*                             | 58.1                               | 117.9                                    | 8 500*                             | 60.2                               | 119.1                                    | 9 200*                             | 52.0                                 |
| 54.0                                 | 52.6                               | 113.9                                    | 5 300*                             | 54.1                               | 115.1                                    | 6 500*                             | 56.3                               | 116.6                                    | 8 100*                             | 58.5                               | 117.9                                    | 8 800*                             | 54.0                                 |
| 56.0                                 | 50.7                               | 112.2                                    | 5 000*                             | 52.3                               | 113.5                                    | 6 200*                             | 54.6                               | 115.2                                    | 7 800*                             | 56.8                               | 116.6                                    | 8 400*                             | 56.0                                 |
| 58.0                                 | 48.8                               | 110.5                                    | 4 700*                             | 50.4                               | 111.8                                    | 5 800*                             | 52.8                               | 113.7                                    | 7 500*                             | 55.0                               | 115.1                                    | 8 100*                             | 58.0                                 |
| 60.0                                 | 46.8                               | 108.6                                    | 4 500*                             | 48.5                               | 110.1                                    | 5 500*                             | 50.9                               | 112.0                                    | 7 200*                             | 53.3                               | 113.6                                    | 7 700*                             | 60.0                                 |
| 62.0                                 | 44.8                               | 106.6                                    | 4 200*                             | 46.5                               | 108.2                                    | 5 200*                             | 49.0                               | 110.3                                    | 6 800*                             | 51.4                               | 112.0                                    | 7 400*                             | 62.0                                 |
| 64.0                                 | 42.7                               | 104.4                                    | 3 900*                             | 44.5                               | 106.1                                    | 4 800*                             | 47.1                               | 108.4                                    | 6 400*                             | 49.5                               | 110.3                                    | 7 000                              | 64.0                                 |
| 66.0                                 | 40.5                               | 102.1                                    | 3 700*                             | 42.4                               | 103.9                                    | 4 600*                             | 45.1                               | 106.4                                    | 6 100*                             | 47.6                               | 108.5                                    | 6 600                              | 66.0                                 |
| 68.0                                 | 38.2                               | 99.5                                     | 3 500*                             | 40.2                               | 101.6                                    | 4 300*                             | 43.0                               | 104.3                                    | 5 700*                             | 45.6                               | 106.5                                    | 6 200                              | 68.0                                 |
| 70.0                                 | 35.7                               | 96.8                                     | 3 300*                             | 37.8                               | 99.0                                     | 4 100*                             | 40.8                               | 101.9                                    | 5 400*                             | 43.5                               | 104.4                                    | 5 900                              | 70.0                                 |
| 72.0                                 | 33.1                               | 93.7                                     | 3 100*                             | 35.4                               | 96.2                                     | 3 900*                             | 38.5                               | 99.4                                     | 5 100*                             | 41.3                               | 102.2                                    | 5 500                              | 72.0                                 |
| 74.0                                 | 30.3                               | 90.4                                     | 3 000*                             | 32.7                               | 93.1                                     | 3 700*                             | 36.0                               | 96.7                                     | 4 800*                             | 39.1                               | 99.7                                     | 5 200                              | 74.0                                 |
| 76.0                                 | 27.3                               | 86.6                                     | 2 900*                             | 29.9                               | 89.7                                     | 3 500*                             | 33.5                               | 93.7                                     | 4 600*                             | 36.7                               | 97.0                                     | 4 800*                             | 76.0                                 |
| 78.0                                 | 23.8                               | 82.2                                     | 2 700*                             | 26.8                               | 85.8                                     | 3 300*                             | 30.7                               | 90.4                                     | 4 300*                             | 34.2                               | 94.1                                     | 4 500*                             | 78.0                                 |
| 80.0                                 | 19.8                               | 76.9                                     | 2 600*                             | 23.3                               | 81.3                                     | 3 200*                             | 27.6                               | 86.6                                     | 4 100*                             | 31.4                               | 90.9                                     | 4 200*                             | 80.0                                 |
| 82.0                                 | 14.6                               | 70.0                                     | 2 600*                             | 19.1                               | 75.9                                     | 3 100*                             | 24.2                               | 82.3                                     | 3 800*                             | 28.5                               | 87.2                                     | 3 900*                             | 82.0                                 |
| 84.0                                 |                                    |                                          |                                    | 13.7                               | 68.6                                     | 2 700*                             | 20.3                               | 77.2                                     | 3 500*                             | 25.2                               | 83.1                                     | 3 600*                             | 84.0                                 |
| 86.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 15.3                               | 70.5                                     | 3 100*                             | 21.4                               | 78.2                                     | 3 300*                             | 86.0                                 |
| 88.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 7.3                                | 59.5                                     | 2 100*                             | 16.8                               | 72.1                                     | 3 000*                             | 88.0                                 |



# Liftcrane Fixed Jib Capacities

**999 SERIES 3**

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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

**48.8m (160 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib, 18.3m (60 Ft.) Fixed Jib**

| Fixed Jib Oper. Rad. Meters | 88 Degree Boom Angle      |                              |                              | 86 Degree Boom Angle      |                              |                              | 83 Degree Boom Angle      |                              |                              | 80 Degree Boom Angle      |                              |                              | Fixed Jib Oper. Rad. Meters |
|-----------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|-----------------------------|
|                             | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms |                             |
| 24.4                        | 74.7                      | 119.2                        | 9 700*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 24.4                        |
| 26.0                        | 73.3                      | 118.7                        | 9 600*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 26.0                        |
| 28.0                        | 71.6                      | 118.0                        | 9 500*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 28.0                        |
| 30.0                        | 69.9                      | 117.2                        | 9 400*                       | 71.4                      | 117.8                        | 11 000*                      |                           |                              |                              |                           |                              |                              | 30.0                        |
| 32.0                        | 68.2                      | 116.4                        | 9 300*                       | 69.7                      | 117.0                        | 10 900*                      |                           |                              |                              |                           |                              |                              | 32.0                        |
| 34.0                        | 66.4                      | 115.5                        | 9 200*                       | 67.9                      | 116.2                        | 10 800*                      |                           |                              |                              |                           |                              |                              | 34.0                        |
| 36.0                        | 64.6                      | 114.6                        | 9 100*                       | 66.1                      | 115.3                        | 10 700*                      | 68.4                      | 116.1                        | 10 700*                      |                           |                              |                              | 36.0                        |
| 38.0                        | 62.8                      | 113.5                        | 9 000*                       | 64.3                      | 114.3                        | 10 600*                      | 66.6                      | 115.3                        | 10 600*                      |                           |                              |                              | 38.0                        |
| 40.0                        | 60.9                      | 112.4                        | 8 700*                       | 62.5                      | 113.3                        | 10 400*                      | 64.8                      | 114.3                        | 10 500*                      |                           |                              |                              | 40.0                        |
| 42.0                        | 59.0                      | 111.2                        | 8 200*                       | 60.6                      | 112.1                        | 9 800*                       | 63.0                      | 113.3                        | 10 400*                      | 65.3                      | 114.1                        | 10 300*                      | 42.0                        |
| 44.0                        | 57.1                      | 109.9                        | 7 600*                       | 58.7                      | 110.9                        | 9 200*                       | 61.1                      | 112.1                        | 10 300*                      | 63.5                      | 113.1                        | 10 200*                      | 44.0                        |
| 46.0                        | 55.1                      | 108.5                        | 7 100*                       | 56.8                      | 109.6                        | 8 700*                       | 59.3                      | 110.9                        | 9 900*                       | 61.6                      | 112.0                        | 10 100*                      | 46.0                        |
| 48.0                        | 53.1                      | 107.0                        | 6 700*                       | 54.8                      | 108.1                        | 8 100*                       | 57.3                      | 109.6                        | 9 300*                       | 59.8                      | 110.9                        | 10 000*                      | 48.0                        |
| 50.0                        | 51.0                      | 105.3                        | 6 200*                       | 52.8                      | 106.6                        | 7 600*                       | 55.4                      | 108.3                        | 8 800*                       | 57.8                      | 109.6                        | 9 700*                       | 50.0                        |
| 52.0                        | 48.9                      | 103.6                        | 5 800*                       | 50.7                      | 105.0                        | 7 100*                       | 53.3                      | 106.7                        | 8 400*                       | 55.9                      | 108.2                        | 9 200*                       | 52.0                        |
| 54.0                        | 46.6                      | 101.7                        | 5 400*                       | 48.5                      | 103.2                        | 6 600*                       | 51.3                      | 105.1                        | 7 900*                       | 53.9                      | 106.7                        | 8 700*                       | 54.0                        |
| 56.0                        | 44.3                      | 99.6                         | 5 000*                       | 46.3                      | 101.3                        | 6 200*                       | 49.1                      | 103.4                        | 7 600*                       | 51.8                      | 105.2                        | 8 200*                       | 56.0                        |
| 58.0                        | 41.9                      | 97.4                         | 4 700*                       | 44.0                      | 99.2                         | 5 800*                       | 46.9                      | 101.5                        | 7 200*                       | 49.7                      | 103.4                        | 7 900*                       | 58.0                        |
| 60.0                        | 39.3                      | 94.9                         | 4 400*                       | 41.5                      | 96.9                         | 5 400*                       | 44.6                      | 99.5                         | 6 900*                       | 47.5                      | 101.6                        | 7 500*                       | 60.0                        |
| 62.0                        | 36.6                      | 92.3                         | 4 100*                       | 39.0                      | 94.4                         | 5 000*                       | 42.2                      | 97.3                         | 6 600*                       | 45.2                      | 99.6                         | 7 100*                       | 62.0                        |
| 64.0                        | 33.8                      | 89.3                         | 3 900*                       | 36.2                      | 91.7                         | 4 700*                       | 39.7                      | 94.9                         | 6 300*                       | 42.8                      | 97.4                         | 6 800*                       | 64.0                        |
| 66.0                        | 30.6                      | 86.0                         | 3 600*                       | 33.3                      | 88.7                         | 4 400*                       | 37.0                      | 92.2                         | 5 800*                       | 40.3                      | 95.1                         | 6 500*                       | 66.0                        |
| 68.0                        | 27.1                      | 82.1                         | 3 400*                       | 30.1                      | 85.3                         | 4 100*                       | 34.1                      | 89.3                         | 5 400*                       | 37.7                      | 92.5                         | 6 300*                       | 68.0                        |
| 70.0                        | 23.1                      | 77.6                         | 3 200*                       | 26.6                      | 81.4                         | 3 900*                       | 31.0                      | 86.0                         | 5 000*                       | 34.9                      | 89.6                         | 6 000*                       | 70.0                        |
| 72.0                        | 18.3                      | 71.9                         | 3 100*                       | 22.5                      | 76.7                         | 3 600*                       | 27.6                      | 82.2                         | 4 700*                       | 31.8                      | 86.5                         | 5 800*                       | 72.0                        |
| 74.0                        |                           |                              | 3 000*                       | 17.4                      | 70.8                         | 3 500*                       | 23.6                      | 77.8                         | 4 400*                       | 28.5                      | 82.8                         | 5 500*                       | 74.0                        |
| 76.0                        |                           |                              |                              | 9.9                       | 61.7                         | 3 400*                       | 18.9                      | 72.3                         | 4 200*                       | 24.7                      | 78.6                         | 5 300*                       | 76.0                        |
| 78.0                        |                           |                              |                              |                           |                              |                              | 12.4                      | 64.5                         | 4 000*                       | 20.2                      | 73.5                         | 5 100*                       | 78.0                        |
| 80.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 14.4                      | 66.5                         | 4 800*                       | 80.0                        |

# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

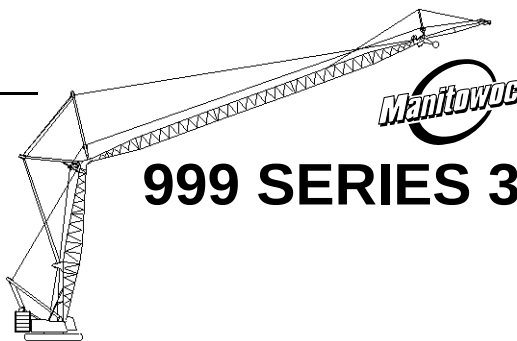
Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



**999 SERIES 3**

**48.8m (160 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib, 18.3m (60 Ft.) Fixed Jib**

| Fixed Jib<br>Oper.<br>Rad.<br>Meters | 88 Degree<br>Boom Angle            |                                          |                                    | 86 Degree<br>Boom Angle            |                                          |                                    | 83 Degree<br>Boom Angle            |                                          |                                    | 80 Degree<br>Boom Angle            |                                          |                                    | Fixed Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|--------------------------------------|
|                                      | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms |                                      |
| 25.9                                 | 74.1                               | 121.9                                    | 9 200*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 25.9                                 |
| 26.0                                 | 74.1                               | 121.9                                    | 9 200*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 26.0                                 |
| 28.0                                 | 72.4                               | 121.2                                    | 9 100*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 28.0                                 |
| 30.0                                 | 70.8                               | 120.5                                    | 9 000*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 30.0                                 |
| 32.0                                 | 69.1                               | 119.7                                    | 8 900*                             | 70.5                               | 120.3                                    | 10 500*                            |                                    |                                          |                                    |                                    |                                          |                                    | 32.0                                 |
| 34.0                                 | 67.4                               | 118.9                                    | 8 900*                             | 68.9                               | 119.5                                    | 10 400*                            |                                    |                                          |                                    |                                    |                                          |                                    | 34.0                                 |
| 36.0                                 | 65.7                               | 118.0                                    | 8 700*                             | 67.2                               | 118.6                                    | 10 300*                            |                                    |                                          |                                    |                                    |                                          |                                    | 36.0                                 |
| 38.0                                 | 64.0                               | 117.0                                    | 8 600*                             | 65.5                               | 117.7                                    | 10 200*                            | 67.6                               | 118.6                                    | 10 200*                            |                                    |                                          |                                    | 38.0                                 |
| 40.0                                 | 62.2                               | 115.9                                    | 8 500*                             | 63.7                               | 116.7                                    | 10 100*                            | 65.9                               | 117.7                                    | 10 100*                            |                                    |                                          |                                    | 40.0                                 |
| 42.0                                 | 60.5                               | 114.8                                    | 8 000*                             | 62.0                               | 115.6                                    | 9 500*                             | 64.2                               | 116.7                                    | 10 100*                            |                                    |                                          |                                    | 42.0                                 |
| 44.0                                 | 58.6                               | 113.5                                    | 7 500*                             | 60.2                               | 114.5                                    | 9 000*                             | 62.5                               | 115.6                                    | 10 000*                            | 64.7                               | 116.6                                    | 9 900*                             | 44.0                                 |
| 46.0                                 | 56.8                               | 112.2                                    | 7 000*                             | 58.4                               | 113.2                                    | 8 500*                             | 60.7                               | 114.5                                    | 9 500*                             | 62.9                               | 115.5                                    | 9 800*                             | 46.0                                 |
| 48.0                                 | 54.9                               | 110.8                                    | 6 500*                             | 56.5                               | 111.9                                    | 8 000*                             | 58.9                               | 113.3                                    | 9 000*                             | 61.1                               | 114.4                                    | 9 700*                             | 48.0                                 |
| 50.0                                 | 52.9                               | 109.3                                    | 6 100*                             | 54.6                               | 110.4                                    | 7 500*                             | 57.0                               | 112.0                                    | 8 500*                             | 59.3                               | 113.2                                    | 9 300*                             | 50.0                                 |
| 52.0                                 | 50.9                               | 107.6                                    | 5 800*                             | 52.6                               | 108.9                                    | 7 000*                             | 55.1                               | 110.6                                    | 8 000*                             | 57.5                               | 111.9                                    | 8 800*                             | 52.0                                 |
| 54.0                                 | 48.9                               | 105.9                                    | 5 400*                             | 50.6                               | 107.3                                    | 6 600*                             | 53.2                               | 109.1                                    | 7 700*                             | 55.6                               | 110.5                                    | 8 300*                             | 54.0                                 |
| 56.0                                 | 46.7                               | 104.0                                    | 5 000*                             | 48.6                               | 105.5                                    | 6 200*                             | 51.2                               | 107.4                                    | 7 300*                             | 53.7                               | 109.0                                    | 7 900*                             | 56.0                                 |
| 58.0                                 | 44.5                               | 101.9                                    | 4 700*                             | 46.4                               | 103.6                                    | 5 800*                             | 49.1                               | 105.7                                    | 7 000*                             | 51.7                               | 107.5                                    | 7 600*                             | 58.0                                 |
| 60.0                                 | 42.2                               | 99.7                                     | 4 400*                             | 44.2                               | 101.5                                    | 5 400*                             | 47.0                               | 103.8                                    | 6 600*                             | 49.7                               | 105.7                                    | 7 200*                             | 60.0                                 |
| 62.0                                 | 39.8                               | 97.3                                     | 4 100*                             | 41.9                               | 99.3                                     | 5 100*                             | 44.8                               | 101.8                                    | 6 300*                             | 47.6                               | 103.9                                    | 6 900*                             | 62.0                                 |
| 64.0                                 | 37.2                               | 94.7                                     | 3 900*                             | 39.4                               | 96.8                                     | 4 700*                             | 42.5                               | 99.6                                     | 6 100*                             | 45.4                               | 101.9                                    | 6 600*                             | 64.0                                 |
| 66.0                                 | 34.5                               | 91.8                                     | 3 600*                             | 36.8                               | 94.2                                     | 4 400*                             | 40.1                               | 97.2                                     | 5 800*                             | 43.1                               | 99.8                                     | 6 300*                             | 66.0                                 |
| 68.0                                 | 31.6                               | 88.6                                     | 3 400*                             | 34.1                               | 91.2                                     | 4 100*                             | 37.5                               | 94.6                                     | 5 500*                             | 40.7                               | 97.5                                     | 6 000*                             | 68.0                                 |
| 70.0                                 | 28.4                               | 84.9                                     | 3 200*                             | 31.1                               | 88.0                                     | 3 900*                             | 34.8                               | 91.8                                     | 5 100*                             | 38.2                               | 94.9                                     | 5 800*                             | 70.0                                 |
| 72.0                                 | 24.7                               | 80.7                                     | 3 100*                             | 27.8                               | 84.2                                     | 3 700*                             | 31.9                               | 88.6                                     | 4 800*                             | 35.6                               | 92.1                                     | 5 500*                             | 72.0                                 |
| 74.0                                 | 20.5                               | 75.6                                     | 2 900*                             | 24.1                               | 79.9                                     | 3 500*                             | 28.8                               | 85.0                                     | 4 500*                             | 32.7                               | 89.0                                     | 5 300*                             | 74.0                                 |
| 76.0                                 | 15.0                               | 68.9                                     | 2 800*                             | 19.8                               | 74.6                                     | 3 300*                             | 25.2                               | 80.9                                     | 4 200*                             | 29.6                               | 85.6                                     | 5 100*                             | 76.0                                 |
| 78.0                                 |                                    |                                          |                                    | 14.0                               | 67.5                                     | 3 200*                             | 21.0                               | 75.9                                     | 4 000*                             | 26.2                               | 81.6                                     | 4 900*                             | 78.0                                 |
| 80.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 15.8                               | 69.4                                     | 3 800*                             | 22.2                               | 76.9                                     | 4 700*                             | 80.0                                 |
| 82.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 7.1                                | 58.3                                     | 3 500*                             | 17.3                               | 70.9                                     | 4 600                              | 82.0                                 |



# Liftcrane Fixed Jib Capacities

**Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating**

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

## 999 SERIES 3

**48.8m (160 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib, 18.3m (60 Ft.) Fixed Jib**

| Fixed Jib Oper. Rad. Meters | 88 Degree Boom Angle      |                              |                              | 86 Degree Boom Angle      |                              |                              | 83 Degree Boom Angle      |                              |                              | 80 Degree Boom Angle      |                              |                              | Fixed Jib Oper. Rad. Meters |
|-----------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|-----------------------------|
|                             | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms |                             |
| 25.9                        | 74.8                      | 125.1                        | 8 700*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 25.9                        |
| 26.0                        | 74.7                      | 125.1                        | 8 700*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 26.0                        |
| 28.0                        | 73.1                      | 124.4                        | 8 700*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 28.0                        |
| 30.0                        | 71.6                      | 123.8                        | 8 600*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 30.0                        |
| 32.0                        | 70.0                      | 123.0                        | 8 500*                       | 71.3                      | 123.5                        | 10 000*                      |                           |                              |                              |                           |                              |                              | 32.0                        |
| 34.0                        | 68.4                      | 122.2                        | 8 500*                       | 69.7                      | 122.8                        | 9 900*                       |                           |                              |                              |                           |                              |                              | 34.0                        |
| 36.0                        | 66.8                      | 121.3                        | 8 400*                       | 68.1                      | 122.0                        | 9 800*                       |                           |                              |                              |                           |                              |                              | 36.0                        |
| 38.0                        | 65.1                      | 120.4                        | 8 300*                       | 66.5                      | 121.1                        | 9 800*                       | 68.6                      | 121.9                        | 9 800*                       |                           |                              |                              | 38.0                        |
| 40.0                        | 63.4                      | 119.4                        | 8 100*                       | 64.9                      | 120.1                        | 9 600*                       | 67.0                      | 121.0                        | 9 700*                       |                           |                              |                              | 40.0                        |
| 42.0                        | 61.8                      | 118.3                        | 7 700*                       | 63.2                      | 119.1                        | 9 200*                       | 65.3                      | 120.1                        | 9 700*                       |                           |                              |                              | 42.0                        |
| 44.0                        | 60.0                      | 117.1                        | 7 300*                       | 61.5                      | 118.0                        | 8 800*                       | 63.6                      | 119.1                        | 9 600*                       | 65.7                      | 119.9                        | 9 500*                       | 44.0                        |
| 46.0                        | 58.3                      | 115.9                        | 6 900*                       | 59.8                      | 116.8                        | 8 300*                       | 62.0                      | 118.0                        | 9 500*                       | 64.1                      | 119.0                        | 9 500*                       | 46.0                        |
| 48.0                        | 56.5                      | 114.5                        | 6 500*                       | 58.0                      | 115.6                        | 7 800*                       | 60.2                      | 116.9                        | 9 300*                       | 62.4                      | 117.9                        | 9 400*                       | 48.0                        |
| 50.0                        | 54.7                      | 113.1                        | 6 000*                       | 56.2                      | 114.2                        | 7 400*                       | 58.5                      | 115.6                        | 8 800*                       | 60.7                      | 116.8                        | 9 400*                       | 50.0                        |
| 52.0                        | 52.8                      | 111.6                        | 5 700*                       | 54.4                      | 112.8                        | 6 900*                       | 56.7                      | 114.3                        | 8 400*                       | 58.9                      | 115.5                        | 9 100*                       | 52.0                        |
| 54.0                        | 50.9                      | 109.9                        | 5 300*                       | 52.5                      | 111.2                        | 6 500*                       | 54.9                      | 112.9                        | 8 000*                       | 57.2                      | 114.2                        | 8 700*                       | 54.0                        |
| 56.0                        | 48.9                      | 108.2                        | 5 000*                       | 50.6                      | 109.6                        | 6 100*                       | 53.0                      | 111.4                        | 7 600*                       | 55.4                      | 112.8                        | 8 300*                       | 56.0                        |
| 58.0                        | 46.8                      | 106.3                        | 4 700*                       | 48.6                      | 107.8                        | 5 800*                       | 51.1                      | 109.7                        | 7 300*                       | 53.5                      | 111.4                        | 7 900*                       | 58.0                        |
| 60.0                        | 44.7                      | 104.3                        | 4 400*                       | 46.5                      | 105.9                        | 5 400*                       | 49.1                      | 108.0                        | 6 900*                       | 51.6                      | 109.8                        | 7 500*                       | 60.0                        |
| 62.0                        | 42.5                      | 102.1                        | 4 100*                       | 44.4                      | 103.8                        | 5 100*                       | 47.1                      | 106.1                        | 6 600*                       | 49.6                      | 108.0                        | 7 200*                       | 62.0                        |
| 64.0                        | 40.2                      | 99.7                         | 3 900*                       | 42.2                      | 101.6                        | 4 800*                       | 45.0                      | 104.1                        | 6 300*                       | 47.6                      | 106.2                        | 6 900*                       | 64.0                        |
| 66.0                        | 37.8                      | 97.1                         | 3 600*                       | 39.8                      | 99.2                         | 4 500*                       | 42.8                      | 101.9                        | 5 900*                       | 45.5                      | 104.2                        | 6 600*                       | 66.0                        |
| 68.0                        | 35.2                      | 94.3                         | 3 400*                       | 37.4                      | 96.6                         | 4 200*                       | 40.5                      | 99.6                         | 5 600*                       | 43.4                      | 102.1                        | 6 300*                       | 68.0                        |
| 70.0                        | 32.4                      | 91.2                         | 3 200*                       | 34.8                      | 93.7                         | 4 000*                       | 38.1                      | 97.1                         | 5 200*                       | 41.1                      | 99.8                         | 6 100*                       | 70.0                        |
| 72.0                        | 29.4                      | 87.7                         | 3 000*                       | 32.0                      | 90.6                         | 3 700*                       | 35.5                      | 94.3                         | 4 900*                       | 38.7                      | 97.3                         | 5 800*                       | 72.0                        |
| 74.0                        | 26.1                      | 83.7                         | 2 900*                       | 29.0                      | 87.0                         | 3 500*                       | 32.8                      | 91.2                         | 4 600*                       | 36.2                      | 94.6                         | 5 600                        | 74.0                        |
| 76.0                        | 22.3                      | 79.0                         | 2 800*                       | 25.6                      | 82.9                         | 3 300*                       | 29.8                      | 87.7                         | 4 300*                       | 33.5                      | 91.6                         | 5 300                        | 76.0                        |
| 78.0                        | 17.7                      | 73.2                         | 2 700*                       | 21.7                      | 78.1                         | 3 200*                       | 26.5                      | 83.8                         | 4 100*                       | 30.6                      | 88.3                         | 5 000                        | 78.0                        |
| 80.0                        | 11.3                      | 64.7                         | 2 600*                       | 16.9                      | 72.0                         | 3 000*                       | 22.8                      | 79.2                         | 3 900*                       | 27.4                      | 84.5                         | 4 700                        | 80.0                        |
| 82.0                        |                           |                              |                              | 9.9                       | 62.8                         | 3 000*                       | 18.3                      | 73.5                         | 3 700*                       | 23.8                      | 80.1                         | 4 400                        | 82.0                        |
| 84.0                        |                           |                              |                              |                           |                              |                              | 12.2                      | 65.6                         | 3 500*                       | 19.6                      | 74.7                         | 4 100*                       | 84.0                        |
| 86.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 14.1                      | 67.6                         | 3 800*                       | 86.0                        |

# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

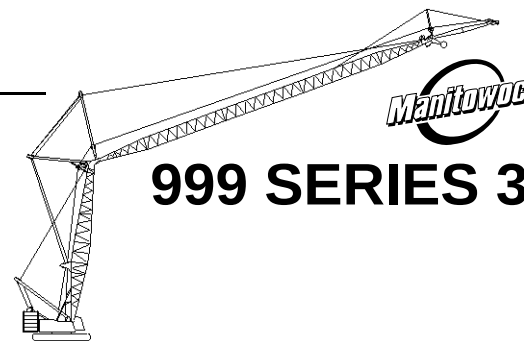
Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 999 SERIES 3

### 48.8m (160 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib, 18.3m (60 Ft.) Fixed Jib

| Fixed Jib<br>Oper.<br>Rad.<br>Meters | 88 Degree<br>Boom Angle            |                                          |                                    | 86 Degree<br>Boom Angle            |                                          |                                    | 83 Degree<br>Boom Angle            |                                          |                                    | 80 Degree<br>Boom Angle            |                                          |                                    | Fixed Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|--------------------------------------|
|                                      | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms |                                      |
| 27.4                                 | 74.2                               | 127.8                                    | 8 200*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 27.4                                 |
| 28.0                                 | 73.8                               | 127.6                                    | 8 200*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 28.0                                 |
| 30.0                                 | 72.3                               | 127.0                                    | 8 100*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 30.0                                 |
| 32.0                                 | 70.8                               | 126.3                                    | 8 100*                             | 72.1                               | 126.8                                    | 9 400*                             |                                    |                                          |                                    |                                    |                                          |                                    | 32.0                                 |
| 34.0                                 | 69.3                               | 125.5                                    | 8 000*                             | 70.6                               | 126.0                                    | 9 400*                             |                                    |                                          |                                    |                                    |                                          |                                    | 34.0                                 |
| 36.0                                 | 67.7                               | 124.7                                    | 7 900*                             | 69.0                               | 125.3                                    | 9 300*                             |                                    |                                          |                                    |                                    |                                          |                                    | 36.0                                 |
| 38.0                                 | 66.1                               | 123.8                                    | 7 800*                             | 67.5                               | 124.4                                    | 9 300*                             |                                    |                                          |                                    |                                    |                                          |                                    | 38.0                                 |
| 40.0                                 | 64.5                               | 122.8                                    | 7 700*                             | 65.9                               | 123.5                                    | 9 200*                             | 67.9                               | 124.4                                    | 9 200*                             |                                    |                                          |                                    | 40.0                                 |
| 42.0                                 | 62.9                               | 121.8                                    | 7 500*                             | 64.3                               | 122.5                                    | 8 900*                             | 66.3                               | 123.5                                    | 9 200*                             |                                    |                                          |                                    | 42.0                                 |
| 44.0                                 | 61.3                               | 120.7                                    | 7 100*                             | 62.7                               | 121.5                                    | 8 500*                             | 64.7                               | 122.5                                    | 9 200*                             |                                    |                                          |                                    | 44.0                                 |
| 46.0                                 | 59.6                               | 119.5                                    | 6 700*                             | 61.0                               | 120.4                                    | 8 100*                             | 63.1                               | 121.5                                    | 9 100*                             | 65.1                               | 122.4                                    | 8 900*                             | 46.0                                 |
| 48.0                                 | 57.9                               | 118.2                                    | 6 300*                             | 59.4                               | 119.2                                    | 7 600*                             | 61.5                               | 120.4                                    | 9 000*                             | 63.5                               | 121.4                                    | 8 900*                             | 48.0                                 |
| 50.0                                 | 56.2                               | 116.8                                    | 5 900*                             | 57.7                               | 117.9                                    | 7 200*                             | 59.8                               | 119.2                                    | 8 500*                             | 61.9                               | 120.3                                    | 8 900*                             | 50.0                                 |
| 52.0                                 | 54.4                               | 115.4                                    | 5 600*                             | 55.9                               | 116.5                                    | 6 800*                             | 58.1                               | 118.0                                    | 8 100*                             | 60.3                               | 119.1                                    | 8 800*                             | 52.0                                 |
| 54.0                                 | 52.6                               | 113.9                                    | 5 200*                             | 54.2                               | 115.1                                    | 6 400*                             | 56.4                               | 116.6                                    | 7 700*                             | 58.6                               | 117.9                                    | 8 400*                             | 54.0                                 |
| 56.0                                 | 50.8                               | 112.2                                    | 5 000*                             | 52.4                               | 113.5                                    | 6 000*                             | 54.7                               | 115.2                                    | 7 400*                             | 56.9                               | 116.6                                    | 8 000*                             | 56.0                                 |
| 58.0                                 | 48.9                               | 110.5                                    | 4 700*                             | 50.5                               | 111.9                                    | 5 700*                             | 52.9                               | 113.7                                    | 7 100*                             | 55.1                               | 115.2                                    | 7 600*                             | 58.0                                 |
| 60.0                                 | 46.9                               | 108.6                                    | 4 400*                             | 48.6                               | 110.1                                    | 5 400*                             | 51.0                               | 112.0                                    | 6 800*                             | 53.3                               | 113.7                                    | 7 300*                             | 60.0                                 |
| 62.0                                 | 44.9                               | 106.6                                    | 4 100*                             | 46.6                               | 108.2                                    | 5 100*                             | 49.1                               | 110.3                                    | 6 500*                             | 51.5                               | 112.1                                    | 7 000*                             | 62.0                                 |
| 64.0                                 | 42.8                               | 104.4                                    | 3 900*                             | 44.6                               | 106.1                                    | 4 800*                             | 47.2                               | 108.4                                    | 6 200*                             | 49.6                               | 110.3                                    | 6 700*                             | 64.0                                 |
| 66.0                                 | 40.6                               | 102.1                                    | 3 600*                             | 42.4                               | 104.0                                    | 4 500*                             | 45.1                               | 106.4                                    | 5 900*                             | 47.7                               | 108.5                                    | 6 400*                             | 66.0                                 |
| 68.0                                 | 38.3                               | 99.5                                     | 3 400*                             | 40.2                               | 101.6                                    | 4 200*                             | 43.0                               | 104.3                                    | 5 600*                             | 45.7                               | 106.5                                    | 6 100*                             | 68.0                                 |
| 70.0                                 | 35.8                               | 96.8                                     | 3 200*                             | 37.9                               | 99.0                                     | 4 000*                             | 40.8                               | 102.0                                    | 5 300*                             | 43.6                               | 104.4                                    | 5 900*                             | 70.0                                 |
| 72.0                                 | 33.2                               | 93.7                                     | 3 000*                             | 35.4                               | 96.2                                     | 3 700*                             | 38.5                               | 99.5                                     | 5 000*                             | 41.4                               | 102.2                                    | 5 700                              | 72.0                                 |
| 74.0                                 | 30.4                               | 90.4                                     | 2 900*                             | 32.8                               | 93.1                                     | 3 500*                             | 36.1                               | 96.7                                     | 4 700*                             | 39.1                               | 99.7                                     | 5 400                              | 74.0                                 |
| 76.0                                 | 27.3                               | 86.6                                     | 2 700*                             | 30.0                               | 89.7                                     | 3 300*                             | 33.5                               | 93.7                                     | 4 400*                             | 36.8                               | 97.0                                     | 5 100                              | 76.0                                 |
| 78.0                                 | 23.9                               | 82.2                                     | 2 600*                             | 26.9                               | 85.8                                     | 3 200*                             | 30.8                               | 90.4                                     | 4 100*                             | 34.2                               | 94.1                                     | 4 800*                             | 78.0                                 |
| 80.0                                 | 19.9                               | 76.9                                     | 2 500*                             | 23.3                               | 81.4                                     | 3 000*                             | 27.7                               | 86.7                                     | 3 900*                             | 31.5                               | 90.9                                     | 4 400*                             | 80.0                                 |
| 82.0                                 | 14.7                               | 70.0                                     | 2 500*                             | 19.2                               | 75.9                                     | 2 900*                             | 24.3                               | 82.4                                     | 3 700*                             | 28.5                               | 87.3                                     | 4 100*                             | 82.0                                 |
| 84.0                                 |                                    |                                          |                                    | 13.8                               | 68.6                                     | 2 800*                             | 20.4                               | 77.2                                     | 3 500*                             | 25.3                               | 83.1                                     | 3 800*                             | 84.0                                 |
| 86.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 15.4                               | 70.6                                     | 3 300*                             | 21.5                               | 78.2                                     | 3 600*                             | 86.0                                 |
| 88.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 7.4                                | 59.6                                     | 2 400*                             | 16.8                               | 72.1                                     | 3 300*                             | 88.0                                 |



# Liftcrane Fixed Jib Capacities

**999 SERIES 3**

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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

**48.8m (160 Ft.) Boom, 64.0m (210 Ft.) Luffing Jib, 18.3m (60 Ft.) Fixed Jib**

| Fixed Jib Oper. Rad. Meters | 88 Degree Boom Angle      |                              |                              | 86 Degree Boom Angle      |                              |                              | 83 Degree Boom Angle      |                              |                              | 80 Degree Boom Angle      |                              |                              | Fixed Jib Oper. Rad. Meters |
|-----------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|-----------------------------|
|                             | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms |                             |
| 27.4                        | 74.8                      | 131.0                        | 7 800*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 27.4                        |
| 28.0                        | 74.4                      | 130.8                        | 7 700*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 28.0                        |
| 30.0                        | 73.0                      | 130.2                        | 7 700*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 30.0                        |
| 32.0                        | 71.5                      | 129.5                        | 7 600*                       | 72.8                      | 130.0                        | 8 900*                       |                           |                              |                              |                           |                              |                              | 32.0                        |
| 34.0                        | 70.1                      | 128.8                        | 7 500*                       | 71.3                      | 129.3                        | 8 800*                       |                           |                              |                              |                           |                              |                              | 34.0                        |
| 36.0                        | 68.6                      | 128.0                        | 7 400*                       | 69.8                      | 128.5                        | 8 800*                       |                           |                              |                              |                           |                              |                              | 36.0                        |
| 38.0                        | 67.1                      | 127.1                        | 7 400*                       | 68.3                      | 127.7                        | 8 700*                       |                           |                              |                              |                           |                              |                              | 38.0                        |
| 40.0                        | 65.5                      | 126.2                        | 7 300*                       | 66.8                      | 126.9                        | 8 600*                       | 68.7                      | 127.7                        | 8 700*                       |                           |                              |                              | 40.0                        |
| 42.0                        | 64.0                      | 125.2                        | 7 200*                       | 65.3                      | 125.9                        | 8 500*                       | 67.2                      | 126.8                        | 8 700*                       |                           |                              |                              | 42.0                        |
| 44.0                        | 62.4                      | 124.1                        | 6 900*                       | 63.8                      | 124.9                        | 8 200*                       | 65.7                      | 125.9                        | 8 600*                       |                           |                              |                              | 44.0                        |
| 46.0                        | 60.9                      | 123.0                        | 6 500*                       | 62.2                      | 123.9                        | 7 700*                       | 64.2                      | 124.9                        | 8 600*                       | 66.1                      | 125.7                        | 8 400*                       | 46.0                        |
| 48.0                        | 59.3                      | 121.8                        | 6 100*                       | 60.6                      | 122.7                        | 7 400*                       | 62.6                      | 123.9                        | 8 500*                       | 64.6                      | 124.8                        | 8 400*                       | 48.0                        |
| 50.0                        | 57.6                      | 120.5                        | 5 800*                       | 59.0                      | 121.5                        | 7 000*                       | 61.1                      | 122.8                        | 8 100*                       | 63.0                      | 123.7                        | 8 400*                       | 50.0                        |
| 52.0                        | 56.0                      | 119.2                        | 5 500*                       | 57.4                      | 120.2                        | 6 700*                       | 59.4                      | 121.6                        | 7 700*                       | 61.5                      | 122.6                        | 8 400*                       | 52.0                        |
| 54.0                        | 54.2                      | 117.7                        | 5 200*                       | 55.7                      | 118.8                        | 6 300*                       | 57.8                      | 120.3                        | 7 400*                       | 59.9                      | 121.5                        | 8 000*                       | 54.0                        |
| 56.0                        | 52.5                      | 116.2                        | 4 900*                       | 54.0                      | 117.4                        | 6 000*                       | 56.2                      | 118.9                        | 7 000*                       | 58.2                      | 120.2                        | 7 600*                       | 56.0                        |
| 58.0                        | 50.7                      | 114.5                        | 4 600*                       | 52.2                      | 115.8                        | 5 700*                       | 54.5                      | 117.5                        | 6 700*                       | 56.6                      | 118.9                        | 7 200*                       | 58.0                        |
| 60.0                        | 48.9                      | 112.8                        | 4 300*                       | 50.4                      | 114.2                        | 5 300*                       | 52.7                      | 116.0                        | 6 400*                       | 54.9                      | 117.5                        | 6 900*                       | 60.0                        |
| 62.0                        | 47.0                      | 110.9                        | 4 000*                       | 48.6                      | 112.4                        | 5 000*                       | 50.9                      | 114.3                        | 6 100*                       | 53.2                      | 116.0                        | 6 600*                       | 62.0                        |
| 64.0                        | 45.0                      | 108.9                        | 3 800*                       | 46.7                      | 110.5                        | 4 700*                       | 49.1                      | 112.6                        | 5 900*                       | 51.4                      | 114.4                        | 6 300*                       | 64.0                        |
| 66.0                        | 43.0                      | 106.7                        | 3 600*                       | 44.7                      | 108.5                        | 4 500*                       | 47.2                      | 110.7                        | 5 700*                       | 49.6                      | 112.6                        | 6 100*                       | 66.0                        |
| 68.0                        | 40.9                      | 104.4                        | 3 400*                       | 42.7                      | 106.3                        | 4 200*                       | 45.3                      | 108.7                        | 5 400*                       | 47.7                      | 110.8                        | 5 800*                       | 68.0                        |
| 70.0                        | 38.7                      | 101.9                        | 3 200*                       | 40.6                      | 104.0                        | 4 000*                       | 43.3                      | 106.6                        | 5 200*                       | 45.8                      | 108.9                        | 5 600*                       | 70.0                        |
| 72.0                        | 36.4                      | 99.2                         | 3 000*                       | 38.4                      | 101.4                        | 3 800*                       | 41.2                      | 104.3                        | 5 000*                       | 43.8                      | 106.8                        | 5 400*                       | 72.0                        |
| 74.0                        | 33.9                      | 96.3                         | 2 800*                       | 36.0                      | 98.7                         | 3 500*                       | 39.0                      | 101.9                        | 4 700*                       | 41.7                      | 104.5                        | 5 200*                       | 74.0                        |
| 76.0                        | 31.3                      | 93.0                         | 2 700*                       | 33.5                      | 95.7                         | 3 300*                       | 36.7                      | 99.2                         | 4 400*                       | 39.6                      | 102.1                        | 4 800*                       | 76.0                        |
| 78.0                        | 28.4                      | 89.4                         | 2 600*                       | 30.9                      | 92.4                         | 3 200*                       | 34.2                      | 96.3                         | 4 200*                       | 37.3                      | 99.5                         | 4 500*                       | 78.0                        |
| 80.0                        | 25.3                      | 85.2                         | 2 500*                       | 28.0                      | 88.7                         | 3 000*                       | 31.6                      | 93.0                         | 3 900*                       | 34.9                      | 96.6                         | 4 200*                       | 80.0                        |
| 82.0                        | 21.6                      | 80.4                         | 2 400*                       | 24.7                      | 84.4                         | 2 900*                       | 28.8                      | 89.4                         | 3 700*                       | 32.3                      | 93.5                         | 3 900*                       | 82.0                        |
| 84.0                        | 17.3                      | 74.4                         | 2 300*                       | 21.0                      | 79.4                         | 2 800*                       | 25.6                      | 85.4                         | 3 600*                       | 29.5                      | 90.0                         | 3 600*                       | 84.0                        |
| 86.0                        |                           |                              |                              | 16.5                      | 73.2                         | 2 600*                       | 22.1                      | 80.6                         | 3 300*                       | 26.5                      | 86.1                         | 3 300*                       | 86.0                        |
| 88.0                        |                           |                              |                              |                           |                              |                              | 17.8                      | 74.8                         | 3 000*                       | 23.1                      | 81.5                         | 3 100*                       | 88.0                        |
| 90.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 19.0                      | 76.0                         | 2 800*                       | 90.0                        |
| 92.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 13.8                      | 68.7                         | 2 500*                       | 92.0                        |

# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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



**999 SERIES 3**

**48.8m (160 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib, 21.3m (70 Ft.) Fixed Jib**

| Fixed Jib<br>Oper.<br>Rad.<br>Meters | 88 Degree<br>Boom Angle            |                                          |                                    | 86 Degree<br>Boom Angle            |                                          |                                    | 83 Degree<br>Boom Angle            |                                          |                                    | 80 Degree<br>Boom Angle            |                                          |                                    | Fixed Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|--------------------------------------|
|                                      | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms |                                      |
| 25.9                                 | 74.0                               | 121.9                                    | 7 700*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 25.9                                 |
| 26.0                                 | 73.9                               | 121.9                                    | 7 700*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 26.0                                 |
| 28.0                                 | 72.3                               | 121.2                                    | 7 600*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 28.0                                 |
| 30.0                                 | 70.7                               | 120.5                                    | 7 500*                             | 72.1                               | 121.0                                    | 8 700*                             |                                    |                                          |                                    |                                    |                                          |                                    | 30.0                                 |
| 32.0                                 | 69.0                               | 119.8                                    | 7 400*                             | 70.4                               | 120.3                                    | 8 600*                             |                                    |                                          |                                    |                                    |                                          |                                    | 32.0                                 |
| 34.0                                 | 67.3                               | 118.9                                    | 7 300*                             | 68.8                               | 119.5                                    | 8 500*                             |                                    |                                          |                                    |                                    |                                          |                                    | 34.0                                 |
| 36.0                                 | 65.6                               | 118.0                                    | 7 200*                             | 67.1                               | 118.7                                    | 8 400*                             |                                    |                                          |                                    |                                    |                                          |                                    | 36.0                                 |
| 38.0                                 | 63.9                               | 117.0                                    | 7 000*                             | 65.4                               | 117.7                                    | 8 200*                             | 67.5                               | 118.6                                    | 8 300*                             |                                    |                                          |                                    | 38.0                                 |
| 40.0                                 | 62.1                               | 115.9                                    | 7 000*                             | 63.6                               | 116.7                                    | 8 100*                             | 65.8                               | 117.7                                    | 8 200*                             |                                    |                                          |                                    | 40.0                                 |
| 42.0                                 | 60.4                               | 114.8                                    | 6 800*                             | 61.9                               | 115.7                                    | 8 000*                             | 64.1                               | 116.7                                    | 8 100*                             |                                    |                                          |                                    | 42.0                                 |
| 44.0                                 | 58.5                               | 113.6                                    | 6 700*                             | 60.1                               | 114.5                                    | 7 900*                             | 62.4                               | 115.7                                    | 7 900*                             | 64.6                               | 116.6                                    | 7 900*                             | 44.0                                 |
| 46.0                                 | 56.7                               | 112.2                                    | 6 600*                             | 58.3                               | 113.2                                    | 7 700*                             | 60.6                               | 114.5                                    | 7 800*                             | 62.8                               | 115.5                                    | 7 800*                             | 46.0                                 |
| 48.0                                 | 54.8                               | 110.8                                    | 6 500*                             | 56.4                               | 111.9                                    | 7 600*                             | 58.8                               | 113.3                                    | 7 700*                             | 61.0                               | 114.4                                    | 7 700*                             | 48.0                                 |
| 50.0                                 | 52.8                               | 109.3                                    | 6 000*                             | 54.5                               | 110.5                                    | 7 400*                             | 56.9                               | 112.0                                    | 7 500*                             | 59.2                               | 113.2                                    | 7 600*                             | 50.0                                 |
| 52.0                                 | 50.8                               | 107.7                                    | 5 600*                             | 52.5                               | 108.9                                    | 6 900*                             | 55.0                               | 110.6                                    | 7 400*                             | 57.4                               | 111.9                                    | 7 500*                             | 52.0                                 |
| 54.0                                 | 48.8                               | 105.9                                    | 5 300*                             | 50.5                               | 107.3                                    | 6 500*                             | 53.1                               | 109.1                                    | 7 300*                             | 55.5                               | 110.6                                    | 7 400*                             | 54.0                                 |
| 56.0                                 | 46.6                               | 104.0                                    | 4 900*                             | 48.5                               | 105.5                                    | 6 100*                             | 51.1                               | 107.5                                    | 7 100*                             | 53.6                               | 109.1                                    | 7 300*                             | 56.0                                 |
| 58.0                                 | 44.4                               | 102.0                                    | 4 600*                             | 46.3                               | 103.6                                    | 5 600*                             | 49.0                               | 105.7                                    | 6 700*                             | 51.6                               | 107.5                                    | 7 200*                             | 58.0                                 |
| 60.0                                 | 42.1                               | 99.8                                     | 4 300*                             | 44.1                               | 101.5                                    | 5 300*                             | 46.9                               | 103.8                                    | 6 400*                             | 49.6                               | 105.8                                    | 7 000*                             | 60.0                                 |
| 62.0                                 | 39.7                               | 97.4                                     | 4 000*                             | 41.8                               | 99.3                                     | 4 900*                             | 44.7                               | 101.8                                    | 6 100*                             | 47.5                               | 103.9                                    | 6 600*                             | 62.0                                 |
| 64.0                                 | 37.1                               | 94.7                                     | 3 800*                             | 39.3                               | 96.9                                     | 4 600*                             | 42.4                               | 99.6                                     | 5 800*                             | 45.3                               | 102.0                                    | 6 300*                             | 64.0                                 |
| 66.0                                 | 34.4                               | 91.9                                     | 3 500*                             | 36.7                               | 94.2                                     | 4 300*                             | 40.0                               | 97.3                                     | 5 500*                             | 43.0                               | 99.8                                     | 6 000*                             | 66.0                                 |
| 68.0                                 | 31.5                               | 88.6                                     | 3 300*                             | 34.0                               | 91.3                                     | 4 000*                             | 37.5                               | 94.7                                     | 5 300*                             | 40.6                               | 97.5                                     | 5 800*                             | 68.0                                 |
| 70.0                                 | 28.3                               | 85.0                                     | 3 100*                             | 31.0                               | 88.0                                     | 3 800*                             | 34.8                               | 91.8                                     | 5 000*                             | 38.1                               | 95.0                                     | 5 500*                             | 70.0                                 |
| 72.0                                 | 24.7                               | 80.8                                     | 2 900*                             | 27.8                               | 84.3                                     | 3 500*                             | 31.8                               | 88.6                                     | 4 700*                             | 35.5                               | 92.2                                     | 5 300*                             | 72.0                                 |
| 74.0                                 | 20.4                               | 75.7                                     | 2 800*                             | 24.1                               | 80.0                                     | 3 300*                             | 28.7                               | 85.1                                     | 4 400*                             | 32.6                               | 89.1                                     | 5 000*                             | 74.0                                 |
| 76.0                                 | 15.0                               | 69.0                                     | 2 700*                             | 19.7                               | 74.7                                     | 3 100*                             | 25.1                               | 80.9                                     | 4 100*                             | 29.5                               | 85.6                                     | 4 800*                             | 76.0                                 |
| 78.0                                 |                                    |                                          |                                    | 14.0                               | 67.6                                     | 3 000*                             | 21.0                               | 76.0                                     | 3 800*                             | 26.1                               | 81.6                                     | 4 600*                             | 78.0                                 |
| 80.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 15.7                               | 69.5                                     | 3 600*                             | 22.1                               | 76.9                                     | 4 500*                             | 80.0                                 |
| 82.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 7.1                                | 58.6                                     | 3 500*                             | 17.3                               | 71.0                                     | 4 300*                             | 82.0                                 |



# Liftcrane Fixed Jib Capacities

**999 SERIES 3**

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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

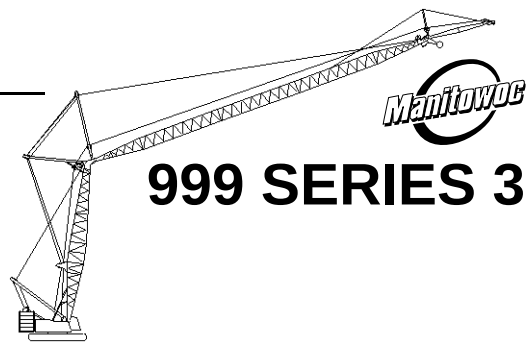
**48.8m (160 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib, 21.3m (70 Ft.) Fixed Jib**

| Fixed Jib Oper. Rad. Meters | 88 Degree Boom Angle      |                              |                              | 86 Degree Boom Angle      |                              |                              | 83 Degree Boom Angle      |                              |                              | 80 Degree Boom Angle      |                              |                              | Fixed Jib Oper. Rad. Meters |
|-----------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|-----------------------------|
|                             | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms |                             |
| 25.9                        | 74.7                      | 125.1                        | 7 500*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 25.9                        |
| 26.0                        | 74.6                      | 125.1                        | 7 500*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 26.0                        |
| 28.0                        | 73.0                      | 124.5                        | 7 400*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 28.0                        |
| 30.0                        | 71.5                      | 123.8                        | 7 300*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 30.0                        |
| 32.0                        | 69.9                      | 123.0                        | 7 200*                       | 71.2                      | 123.6                        | 8 400*                       |                           |                              |                              |                           |                              |                              | 32.0                        |
| 34.0                        | 68.3                      | 122.2                        | 7 100*                       | 69.6                      | 122.8                        | 8 300*                       |                           |                              |                              |                           |                              |                              | 34.0                        |
| 36.0                        | 66.7                      | 121.4                        | 7 000*                       | 68.0                      | 122.0                        | 8 200*                       |                           |                              |                              |                           |                              |                              | 36.0                        |
| 38.0                        | 65.0                      | 120.4                        | 6 900*                       | 66.4                      | 121.1                        | 8 100*                       | 68.5                      | 121.9                        | 8 100*                       |                           |                              |                              | 38.0                        |
| 40.0                        | 63.3                      | 119.4                        | 6 800*                       | 64.8                      | 120.1                        | 8 000*                       | 66.8                      | 121.1                        | 8 000*                       |                           |                              |                              | 40.0                        |
| 42.0                        | 61.7                      | 118.3                        | 6 700*                       | 63.1                      | 119.1                        | 7 800*                       | 65.2                      | 120.1                        | 7 900*                       |                           |                              |                              | 42.0                        |
| 44.0                        | 59.9                      | 117.1                        | 6 600*                       | 61.4                      | 118.0                        | 7 700*                       | 63.5                      | 119.1                        | 7 800*                       | 65.6                      | 120.0                        | 7 800*                       | 44.0                        |
| 46.0                        | 58.2                      | 115.9                        | 6 600*                       | 59.7                      | 116.8                        | 7 600*                       | 61.9                      | 118.0                        | 7 700*                       | 64.0                      | 119.0                        | 7 700*                       | 46.0                        |
| 48.0                        | 56.4                      | 114.6                        | 6 400*                       | 57.9                      | 115.6                        | 7 500*                       | 60.1                      | 116.9                        | 7 600*                       | 62.3                      | 117.9                        | 7 600*                       | 48.0                        |
| 50.0                        | 54.6                      | 113.1                        | 6 000*                       | 56.1                      | 114.2                        | 7 300*                       | 58.4                      | 115.7                        | 7 500*                       | 60.6                      | 116.8                        | 7 500*                       | 50.0                        |
| 52.0                        | 52.7                      | 111.6                        | 5 600*                       | 54.3                      | 112.8                        | 6 900*                       | 56.6                      | 114.3                        | 7 400*                       | 58.8                      | 115.6                        | 7 400*                       | 52.0                        |
| 54.0                        | 50.8                      | 110.0                        | 5 200*                       | 52.4                      | 111.2                        | 6 400*                       | 54.8                      | 112.9                        | 7 200*                       | 57.1                      | 114.3                        | 7 400*                       | 54.0                        |
| 56.0                        | 48.8                      | 108.2                        | 4 900*                       | 50.5                      | 109.6                        | 6 000*                       | 52.9                      | 111.4                        | 6 800*                       | 55.3                      | 112.9                        | 7 200*                       | 56.0                        |
| 58.0                        | 46.7                      | 106.3                        | 4 600*                       | 48.5                      | 107.8                        | 5 600*                       | 51.0                      | 109.8                        | 6 500*                       | 53.4                      | 111.4                        | 7 100*                       | 58.0                        |
| 60.0                        | 44.6                      | 104.3                        | 4 300*                       | 46.4                      | 105.9                        | 5 300*                       | 49.0                      | 108.0                        | 6 200*                       | 51.5                      | 109.8                        | 6 700*                       | 60.0                        |
| 62.0                        | 42.4                      | 102.1                        | 4 000*                       | 44.3                      | 103.9                        | 5 000*                       | 47.0                      | 106.2                        | 5 900*                       | 49.5                      | 108.1                        | 6 400*                       | 62.0                        |
| 64.0                        | 40.1                      | 99.7                         | 3 800*                       | 42.1                      | 101.6                        | 4 600*                       | 44.9                      | 104.1                        | 5 600*                       | 47.5                      | 106.2                        | 6 100*                       | 64.0                        |
| 66.0                        | 37.7                      | 97.2                         | 3 500*                       | 39.8                      | 99.3                         | 4 300*                       | 42.7                      | 102.0                        | 5 300*                       | 45.4                      | 104.3                        | 5 800*                       | 66.0                        |
| 68.0                        | 35.1                      | 94.3                         | 3 300*                       | 37.3                      | 96.6                         | 4 100*                       | 40.4                      | 99.6                         | 5 100*                       | 43.3                      | 102.1                        | 5 500*                       | 68.0                        |
| 70.0                        | 32.4                      | 91.2                         | 3 100*                       | 34.7                      | 93.8                         | 3 800*                       | 38.0                      | 97.1                         | 4 900*                       | 41.0                      | 99.8                         | 5 300*                       | 70.0                        |
| 72.0                        | 29.4                      | 87.7                         | 3 000*                       | 31.9                      | 90.6                         | 3 600*                       | 35.4                      | 94.3                         | 4 700*                       | 38.6                      | 97.4                         | 5 100*                       | 72.0                        |
| 74.0                        | 26.0                      | 83.8                         | 2 800*                       | 28.9                      | 87.1                         | 3 400*                       | 32.7                      | 91.2                         | 4 500*                       | 36.1                      | 94.6                         | 4 800*                       | 74.0                        |
| 76.0                        | 22.3                      | 79.1                         | 2 600*                       | 25.5                      | 83.0                         | 3 200*                       | 29.7                      | 87.8                         | 4 200*                       | 33.4                      | 91.6                         | 4 600*                       | 76.0                        |
| 78.0                        | 17.7                      | 73.2                         | 2 500*                       | 21.6                      | 78.2                         | 3 000*                       | 26.5                      | 83.9                         | 3 900*                       | 30.5                      | 88.3                         | 4 500*                       | 78.0                        |
| 80.0                        | 11.2                      | 64.8                         | 2 500*                       | 16.9                      | 72.1                         | 2 900*                       | 22.7                      | 79.3                         | 3 700*                       | 27.3                      | 84.5                         | 4 300*                       | 80.0                        |
| 82.0                        |                           |                              |                              | 9.9                       | 62.9                         | 2 800*                       | 18.3                      | 73.6                         | 3 500*                       | 23.8                      | 80.1                         | 4 100*                       | 82.0                        |
| 84.0                        |                           |                              |                              |                           |                              |                              | 12.2                      | 65.7                         | 3 300*                       | 19.5                      | 74.8                         | 4 000*                       | 84.0                        |
| 86.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 14.0                      | 67.7                         | 3 800*                       | 86.0                        |

# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

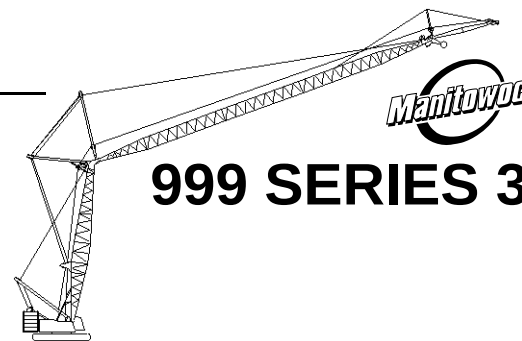
Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 999 SERIES 3

**48.8m (160 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib, 21.3m (70 Ft.) Fixed Jib**

| Fixed Jib<br>Oper.<br>Rad.<br>Meters | 88 Degree<br>Boom Angle            |                                          |                                    | 86 Degree<br>Boom Angle            |                                          |                                    | 83 Degree<br>Boom Angle            |                                          |                                    | 80 Degree<br>Boom Angle            |                                          |                                    | Fixed Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|--------------------------------------|
|                                      | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms |                                      |
| 27.4                                 | 74.1                               | 127.8                                    | 7 200*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 27.4                                 |
| 28.0                                 | 73.7                               | 127.7                                    | 7 200*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 28.0                                 |
| 30.0                                 | 72.2                               | 127.0                                    | 7 100*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 30.0                                 |
| 32.0                                 | 70.7                               | 126.3                                    | 7 000*                             | 72.0                               | 126.8                                    | 8 200*                             |                                    |                                          |                                    |                                    |                                          |                                    | 32.0                                 |
| 34.0                                 | 69.2                               | 125.5                                    | 6 900*                             | 70.5                               | 126.1                                    | 8 100*                             |                                    |                                          |                                    |                                    |                                          |                                    | 34.0                                 |
| 36.0                                 | 67.6                               | 124.7                                    | 6 900*                             | 68.9                               | 125.3                                    | 8 000*                             |                                    |                                          |                                    |                                    |                                          |                                    | 36.0                                 |
| 38.0                                 | 66.0                               | 123.8                                    | 6 800*                             | 67.4                               | 124.4                                    | 7 900*                             |                                    |                                          |                                    |                                    |                                          |                                    | 38.0                                 |
| 40.0                                 | 64.4                               | 122.8                                    | 6 600*                             | 65.8                               | 123.5                                    | 7 800*                             | 67.8                               | 124.4                                    | 7 800*                             |                                    |                                          |                                    | 40.0                                 |
| 42.0                                 | 62.8                               | 121.8                                    | 6 600*                             | 64.2                               | 122.6                                    | 7 700*                             | 66.2                               | 123.5                                    | 7 800*                             |                                    |                                          |                                    | 42.0                                 |
| 44.0                                 | 61.2                               | 120.7                                    | 6 500*                             | 62.6                               | 121.5                                    | 7 600*                             | 64.6                               | 122.5                                    | 7 600*                             |                                    |                                          |                                    | 44.0                                 |
| 46.0                                 | 59.5                               | 119.5                                    | 6 400*                             | 60.9                               | 120.4                                    | 7 500*                             | 63.0                               | 121.5                                    | 7 600*                             | 65.0                               | 122.4                                    | 7 600*                             | 46.0                                 |
| 48.0                                 | 57.8                               | 118.2                                    | 6 300*                             | 59.3                               | 119.2                                    | 7 400*                             | 61.4                               | 120.4                                    | 7 500*                             | 63.4                               | 121.4                                    | 7 500*                             | 48.0                                 |
| 50.0                                 | 56.1                               | 116.9                                    | 5 800*                             | 57.6                               | 117.9                                    | 7 100*                             | 59.7                               | 119.2                                    | 7 400*                             | 61.8                               | 120.3                                    | 7 400*                             | 50.0                                 |
| 52.0                                 | 54.3                               | 115.4                                    | 5 500*                             | 55.8                               | 116.6                                    | 6 700*                             | 58.0                               | 118.0                                    | 7 200*                             | 60.2                               | 119.1                                    | 7 300*                             | 52.0                                 |
| 54.0                                 | 52.5                               | 113.9                                    | 5 200*                             | 54.1                               | 115.1                                    | 6 300*                             | 56.3                               | 116.6                                    | 7 200*                             | 58.5                               | 117.9                                    | 7 200*                             | 54.0                                 |
| 56.0                                 | 50.7                               | 112.3                                    | 4 900*                             | 52.3                               | 113.5                                    | 6 000*                             | 54.6                               | 115.2                                    | 7 000*                             | 56.8                               | 116.6                                    | 7 100*                             | 56.0                                 |
| 58.0                                 | 48.8                               | 110.5                                    | 4 600*                             | 50.4                               | 111.9                                    | 5 700*                             | 52.8                               | 113.7                                    | 6 700*                             | 55.0                               | 115.2                                    | 7 100*                             | 58.0                                 |
| 60.0                                 | 46.8                               | 108.6                                    | 4 300*                             | 48.5                               | 110.1                                    | 5 300*                             | 50.9                               | 112.1                                    | 6 400*                             | 53.2                               | 113.7                                    | 6 900*                             | 60.0                                 |
| 62.0                                 | 44.8                               | 106.6                                    | 4 000*                             | 46.5                               | 108.2                                    | 5 000*                             | 49.0                               | 110.3                                    | 6 100*                             | 51.4                               | 112.1                                    | 6 700*                             | 62.0                                 |
| 64.0                                 | 42.7                               | 104.4                                    | 3 800*                             | 44.5                               | 106.2                                    | 4 700*                             | 47.1                               | 108.5                                    | 5 800*                             | 49.5                               | 110.4                                    | 6 300*                             | 64.0                                 |
| 66.0                                 | 40.5                               | 102.1                                    | 3 500*                             | 42.4                               | 104.0                                    | 4 400*                             | 45.0                               | 106.5                                    | 5 600*                             | 47.6                               | 108.5                                    | 6 100*                             | 66.0                                 |
| 68.0                                 | 38.2                               | 99.6                                     | 3 300*                             | 40.1                               | 101.6                                    | 4 100*                             | 42.9                               | 104.3                                    | 5 400*                             | 45.6                               | 106.6                                    | 5 800*                             | 68.0                                 |
| 70.0                                 | 35.7                               | 96.8                                     | 3 100*                             | 37.8                               | 99.1                                     | 3 900*                             | 40.7                               | 102.0                                    | 5 100*                             | 43.5                               | 104.5                                    | 5 600*                             | 70.0                                 |
| 72.0                                 | 33.1                               | 93.8                                     | 3 000*                             | 35.4                               | 96.3                                     | 3 600*                             | 38.5                               | 99.5                                     | 4 800*                             | 41.3                               | 102.2                                    | 5 300*                             | 72.0                                 |
| 74.0                                 | 30.3                               | 90.4                                     | 2 800*                             | 32.7                               | 93.2                                     | 3 400*                             | 36.0                               | 96.8                                     | 4 500*                             | 39.1                               | 99.8                                     | 5 100*                             | 74.0                                 |
| 76.0                                 | 27.3                               | 86.6                                     | 2 600*                             | 29.9                               | 89.8                                     | 3 200*                             | 33.5                               | 93.8                                     | 4 300*                             | 36.7                               | 97.1                                     | 4 900*                             | 76.0                                 |
| 78.0                                 | 23.8                               | 82.2                                     | 2 500*                             | 26.8                               | 85.9                                     | 3 100*                             | 30.7                               | 90.4                                     | 4 000*                             | 34.1                               | 94.2                                     | 4 700*                             | 78.0                                 |
| 80.0                                 | 19.8                               | 77.0                                     | 2 400*                             | 23.3                               | 81.4                                     | 2 900*                             | 27.6                               | 86.7                                     | 3 800*                             | 31.4                               | 90.9                                     | 4 600*                             | 80.0                                 |
| 82.0                                 | 14.7                               | 70.1                                     | 2 400*                             | 19.1                               | 76.0                                     | 2 800*                             | 24.3                               | 82.4                                     | 3 600*                             | 28.5                               | 87.3                                     | 4 400*                             | 82.0                                 |
| 84.0                                 |                                    |                                          |                                    | 13.7                               | 68.7                                     | 2 700*                             | 20.3                               | 77.3                                     | 3 400*                             | 25.2                               | 83.2                                     | 4 200*                             | 84.0                                 |
| 86.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 15.4                               | 70.7                                     | 3 200*                             | 21.4                               | 78.3                                     | 3 900*                             | 86.0                                 |
| 88.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 7.4                                | 59.8                                     | 2 700*                             | 16.8                               | 72.2                                     | 3 700*                             | 88.0                                 |



# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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

## 999 SERIES 3

**48.8m (160 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib, 21.3m (70 Ft.) Fixed Jib**

| Fixed Jib Oper. Rad. Meters | 88 Degree Boom Angle      |                              |                              | 86 Degree Boom Angle      |                              |                              | 83 Degree Boom Angle      |                              |                              | 80 Degree Boom Angle      |                              |                              | Fixed Jib Oper. Rad. Meters |
|-----------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|-----------------------------|
|                             | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms |                             |
| 27.4                        | 74.7                      | 131.0                        | 6 900*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 27.4                        |
| 28.0                        | 74.3                      | 130.8                        | 6 900*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 28.0                        |
| 30.0                        | 72.9                      | 130.2                        | 6 900*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 30.0                        |
| 32.0                        | 71.4                      | 129.5                        | 6 800*                       | 72.7                      | 130.0                        | 7 900*                       |                           |                              |                              |                           |                              |                              | 32.0                        |
| 34.0                        | 70.0                      | 128.8                        | 6 700*                       | 71.2                      | 129.3                        | 7 800*                       |                           |                              |                              |                           |                              |                              | 34.0                        |
| 36.0                        | 68.5                      | 128.0                        | 6 600*                       | 69.7                      | 128.6                        | 7 700*                       |                           |                              |                              |                           |                              |                              | 36.0                        |
| 38.0                        | 67.0                      | 127.1                        | 6 500*                       | 68.2                      | 127.8                        | 7 700*                       |                           |                              |                              |                           |                              |                              | 38.0                        |
| 40.0                        | 65.5                      | 126.2                        | 6 500*                       | 66.7                      | 126.9                        | 7 600*                       | 68.6                      | 127.7                        | 7 600*                       |                           |                              |                              | 40.0                        |
| 42.0                        | 63.9                      | 125.2                        | 6 400*                       | 65.2                      | 126.0                        | 7 500*                       | 67.1                      | 126.8                        | 7 500*                       |                           |                              |                              | 42.0                        |
| 44.0                        | 62.4                      | 124.2                        | 6 300*                       | 63.7                      | 125.0                        | 7 400*                       | 65.6                      | 125.9                        | 7 400*                       |                           |                              |                              | 44.0                        |
| 46.0                        | 60.8                      | 123.0                        | 6 200*                       | 62.1                      | 123.9                        | 7 300*                       | 64.1                      | 125.0                        | 7 300*                       | 66.0                      | 125.8                        | 7 300*                       | 46.0                        |
| 48.0                        | 59.2                      | 121.8                        | 6 100*                       | 60.5                      | 122.8                        | 7 200*                       | 62.5                      | 123.9                        | 7 300*                       | 64.5                      | 124.8                        | 7 300*                       | 48.0                        |
| 50.0                        | 57.5                      | 120.6                        | 5 700*                       | 58.9                      | 121.5                        | 6 900*                       | 61.0                      | 122.8                        | 7 200*                       | 62.9                      | 123.8                        | 7 200*                       | 50.0                        |
| 52.0                        | 55.9                      | 119.2                        | 5 400*                       | 57.3                      | 120.2                        | 6 600*                       | 59.4                      | 121.6                        | 7 100*                       | 61.4                      | 122.7                        | 7 100*                       | 52.0                        |
| 54.0                        | 54.2                      | 117.7                        | 5 100*                       | 55.6                      | 118.9                        | 6 200*                       | 57.7                      | 120.3                        | 7 100*                       | 59.8                      | 121.5                        | 7 100*                       | 54.0                        |
| 56.0                        | 52.4                      | 116.2                        | 4 800*                       | 53.9                      | 117.4                        | 5 900*                       | 56.1                      | 119.0                        | 6 900*                       | 58.2                      | 120.2                        | 7 000*                       | 56.0                        |
| 58.0                        | 50.6                      | 114.6                        | 4 500*                       | 52.1                      | 115.8                        | 5 600*                       | 54.4                      | 117.5                        | 6 600*                       | 56.5                      | 118.9                        | 6 900*                       | 58.0                        |
| 60.0                        | 48.8                      | 112.8                        | 4 200*                       | 50.4                      | 114.2                        | 5 200*                       | 52.6                      | 116.0                        | 6 300*                       | 54.8                      | 117.5                        | 6 800*                       | 60.0                        |
| 62.0                        | 46.9                      | 110.9                        | 4 000*                       | 48.5                      | 112.4                        | 4 900*                       | 50.8                      | 114.4                        | 6 000*                       | 53.1                      | 116.0                        | 6 500*                       | 62.0                        |
| 64.0                        | 45.0                      | 108.9                        | 3 800*                       | 46.6                      | 110.5                        | 4 700*                       | 49.0                      | 112.6                        | 5 700*                       | 51.3                      | 114.4                        | 6 200*                       | 64.0                        |
| 66.0                        | 42.9                      | 106.8                        | 3 500*                       | 44.7                      | 108.5                        | 4 400*                       | 47.1                      | 110.8                        | 5 400*                       | 49.5                      | 112.7                        | 5 900*                       | 66.0                        |
| 68.0                        | 40.8                      | 104.5                        | 3 300*                       | 42.6                      | 106.3                        | 4 100*                       | 45.2                      | 108.8                        | 5 200*                       | 47.6                      | 110.8                        | 5 600*                       | 68.0                        |
| 70.0                        | 38.6                      | 102.0                        | 3 100*                       | 40.5                      | 104.0                        | 3 900*                       | 43.2                      | 106.6                        | 5 000*                       | 45.7                      | 108.9                        | 5 400*                       | 70.0                        |
| 72.0                        | 36.3                      | 99.3                         | 3 000*                       | 38.3                      | 101.5                        | 3 600*                       | 41.1                      | 104.4                        | 4 800*                       | 43.7                      | 106.8                        | 5 200*                       | 72.0                        |
| 74.0                        | 33.8                      | 96.3                         | 2 800*                       | 35.9                      | 98.7                         | 3 400*                       | 38.9                      | 101.9                        | 4 600*                       | 41.6                      | 104.6                        | 5 000*                       | 74.0                        |
| 76.0                        | 31.2                      | 93.1                         | 2 600*                       | 33.5                      | 95.7                         | 3 200*                       | 36.6                      | 99.2                         | 4 300*                       | 39.5                      | 102.1                        | 4 800*                       | 76.0                        |
| 78.0                        | 28.4                      | 89.4                         | 2 500*                       | 30.8                      | 92.4                         | 3 100*                       | 34.1                      | 96.3                         | 4 100*                       | 37.2                      | 99.5                         | 4 600*                       | 78.0                        |
| 80.0                        | 25.2                      | 85.3                         | 2 400*                       | 27.9                      | 88.7                         | 2 900*                       | 31.5                      | 93.1                         | 3 900*                       | 34.8                      | 96.7                         | 4 400*                       | 80.0                        |
| 82.0                        | 21.6                      | 80.4                         | 2 300*                       | 24.7                      | 84.5                         | 2 700*                       | 28.7                      | 89.5                         | 3 600*                       | 32.2                      | 93.5                         | 4 200*                       | 82.0                        |
| 84.0                        | 17.2                      | 74.4                         | 2 200*                       | 21.0                      | 79.5                         | 2 600*                       | 25.6                      | 85.4                         | 3 400*                       | 29.5                      | 90.0                         | 4 000*                       | 84.0                        |
| 86.0                        | 11.2                      | 65.9                         | 2 100*                       | 16.4                      | 73.3                         | 2 500*                       | 22.0                      | 80.7                         | 3 200*                       | 26.4                      | 86.1                         | 3 700*                       | 86.0                        |
| 88.0                        |                           |                              |                              | 9.9                       | 64.0                         | 2 200*                       | 17.8                      | 74.8                         | 3 100*                       | 23.0                      | 81.6                         | 3 400*                       | 88.0                        |
| 90.0                        |                           |                              |                              |                           |                              |                              | 12.0                      | 66.8                         | 2 700*                       | 19.0                      | 76.1                         | 3 200*                       | 90.0                        |
| 92.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 13.8                      | 68.8                         | 2 900*                       | 92.0                        |

# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

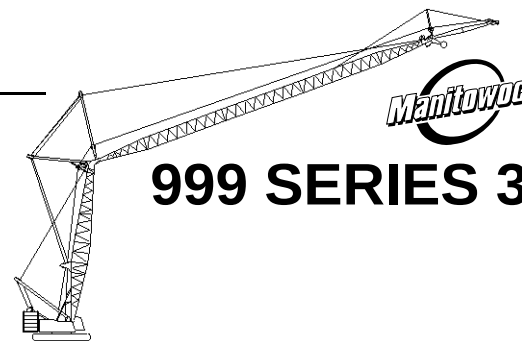
Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 999 SERIES 3

**48.8m (160 Ft.) Boom, 64.0m (210 Ft.) Luffing Jib, 21.3m (70 Ft.) Fixed Jib**

| Fixed Jib<br>Oper.<br>Rad.<br>Meters | 88 Degree<br>Boom Angle            |                                          |                                    | 86 Degree<br>Boom Angle            |                                          |                                    | 83 Degree<br>Boom Angle            |                                          |                                    | 80 Degree<br>Boom Angle            |                                          |                                    | Fixed Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|--------------------------------------|
|                                      | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms |                                      |
| 29.0                                 | 74.2                               | 133.7                                    | 6 600*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 29.0                                 |
| 30.0                                 | 73.5                               | 133.4                                    | 6 500*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 30.0                                 |
| 32.0                                 | 72.1                               | 132.8                                    | 6 500*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 32.0                                 |
| 34.0                                 | 70.7                               | 132.0                                    | 6 400*                             | 71.9                               | 132.5                                    | 7 500*                             |                                    |                                          |                                    |                                    |                                          |                                    | 34.0                                 |
| 36.0                                 | 69.3                               | 131.3                                    | 6 400*                             | 70.5                               | 131.8                                    | 7 400*                             |                                    |                                          |                                    |                                    |                                          |                                    | 36.0                                 |
| 38.0                                 | 67.8                               | 130.5                                    | 6 300*                             | 69.1                               | 131.0                                    | 7 300*                             |                                    |                                          |                                    |                                    |                                          |                                    | 38.0                                 |
| 40.0                                 | 66.4                               | 129.6                                    | 6 200*                             | 67.6                               | 130.2                                    | 7 300*                             | 69.4                               | 131.0                                    | 7 300*                             |                                    |                                          |                                    | 40.0                                 |
| 42.0                                 | 64.9                               | 128.6                                    | 6 200*                             | 66.2                               | 129.3                                    | 7 200*                             | 68.0                               | 130.2                                    | 7 200*                             |                                    |                                          |                                    | 42.0                                 |
| 44.0                                 | 63.4                               | 127.6                                    | 6 100*                             | 64.7                               | 128.4                                    | 7 200*                             | 66.6                               | 129.3                                    | 7 200*                             |                                    |                                          |                                    | 44.0                                 |
| 46.0                                 | 61.9                               | 126.5                                    | 6 000*                             | 63.2                               | 127.4                                    | 7 100*                             | 65.1                               | 128.4                                    | 7 200*                             |                                    |                                          |                                    | 46.0                                 |
| 48.0                                 | 60.4                               | 125.4                                    | 5 900*                             | 61.7                               | 126.3                                    | 7 000*                             | 63.6                               | 127.4                                    | 7 100*                             | 65.5                               | 128.2                                    | 7 000*                             | 48.0                                 |
| 50.0                                 | 58.8                               | 124.2                                    | 5 600*                             | 60.1                               | 125.1                                    | 6 700*                             | 62.1                               | 126.3                                    | 7 000*                             | 64.0                               | 127.2                                    | 7 000*                             | 50.0                                 |
| 52.0                                 | 57.2                               | 122.9                                    | 5 300*                             | 58.6                               | 123.9                                    | 6 400*                             | 60.6                               | 125.1                                    | 6 900*                             | 62.5                               | 126.2                                    | 6 900*                             | 52.0                                 |
| 54.0                                 | 55.6                               | 121.5                                    | 5 000*                             | 57.0                               | 122.6                                    | 6 100*                             | 59.0                               | 123.9                                    | 6 800*                             | 61.0                               | 125.0                                    | 6 900*                             | 54.0                                 |
| 56.0                                 | 54.0                               | 120.1                                    | 4 700*                             | 55.4                               | 121.2                                    | 5 800*                             | 57.4                               | 122.7                                    | 6 600*                             | 59.4                               | 123.8                                    | 6 800*                             | 56.0                                 |
| 58.0                                 | 52.3                               | 118.5                                    | 4 400*                             | 53.7                               | 119.7                                    | 5 500*                             | 55.8                               | 121.3                                    | 6 200*                             | 57.8                               | 122.6                                    | 6 700*                             | 58.0                                 |
| 60.0                                 | 50.6                               | 116.9                                    | 4 200*                             | 52.0                               | 118.1                                    | 5 200*                             | 54.2                               | 119.8                                    | 5 900*                             | 56.2                               | 121.2                                    | 6 400*                             | 60.0                                 |
| 62.0                                 | 48.8                               | 115.1                                    | 4 000*                             | 50.3                               | 116.5                                    | 4 900*                             | 52.5                               | 118.3                                    | 5 700*                             | 54.6                               | 119.8                                    | 6 100*                             | 62.0                                 |
| 64.0                                 | 47.0                               | 113.2                                    | 3 700*                             | 48.5                               | 114.7                                    | 4 600*                             | 50.8                               | 116.7                                    | 5 400*                             | 52.9                               | 118.3                                    | 5 800*                             | 64.0                                 |
| 66.0                                 | 45.1                               | 111.2                                    | 3 500*                             | 46.7                               | 112.8                                    | 4 300*                             | 49.0                               | 114.9                                    | 5 200*                             | 51.2                               | 116.7                                    | 5 600*                             | 66.0                                 |
| 68.0                                 | 43.2                               | 109.1                                    | 3 300*                             | 44.8                               | 110.8                                    | 4 100*                             | 47.2                               | 113.1                                    | 5 000*                             | 49.5                               | 115.0                                    | 5 400*                             | 68.0                                 |
| 70.0                                 | 41.1                               | 106.8                                    | 3 100*                             | 42.9                               | 108.7                                    | 3 900*                             | 45.3                               | 111.1                                    | 4 800*                             | 47.7                               | 113.1                                    | 5 100*                             | 70.0                                 |
| 72.0                                 | 39.0                               | 104.4                                    | 2 900*                             | 40.8                               | 106.4                                    | 3 700*                             | 43.4                               | 109.0                                    | 4 500*                             | 45.8                               | 111.2                                    | 4 900*                             | 72.0                                 |
| 74.0                                 | 36.8                               | 101.7                                    | 2 800*                             | 38.7                               | 103.9                                    | 3 500*                             | 41.4                               | 106.7                                    | 4 400*                             | 43.9                               | 109.1                                    | 4 700*                             | 74.0                                 |
| 76.0                                 | 34.5                               | 98.8                                     | 2 600*                             | 36.5                               | 101.2                                    | 3 200*                             | 39.3                               | 104.3                                    | 4 200*                             | 41.9                               | 106.9                                    | 4 500*                             | 76.0                                 |
| 78.0                                 | 32.0                               | 95.7                                     | 2 500*                             | 34.1                               | 98.3                                     | 3 100*                             | 37.1                               | 101.6                                    | 4 000*                             | 39.8                               | 104.5                                    | 4 400*                             | 78.0                                 |
| 80.0                                 | 29.3                               | 92.2                                     | 2 400*                             | 31.6                               | 95.0                                     | 2 900*                             | 34.8                               | 98.8                                     | 3 900*                             | 37.7                               | 101.9                                    | 4 200*                             | 80.0                                 |
| 82.0                                 | 26.4                               | 88.2                                     | 2 200*                             | 28.9                               | 91.5                                     | 2 700*                             | 32.3                               | 95.7                                     | 3 700*                             | 35.4                               | 99.1                                     | 4 000*                             | 82.0                                 |
| 84.0                                 | 23.1                               | 83.7                                     | 2 200*                             | 25.9                               | 87.5                                     | 2 600*                             | 29.7                               | 92.2                                     | 3 500*                             | 33.0                               | 96.1                                     | 3 700*                             | 84.0                                 |
| 86.0                                 | 19.2                               | 78.3                                     | 2 100*                             | 22.6                               | 82.8                                     | 2 500*                             | 26.7                               | 88.3                                     | 3 300*                             | 30.4                               | 92.7                                     | 3 400*                             | 86.0                                 |
| 88.0                                 | 14.4                               | 71.2                                     | 1 900*                             | 18.6                               | 77.2                                     | 2 400*                             | 23.5                               | 83.9                                     | 3 100*                             | 27.5                               | 89.0                                     | 3 200*                             | 88.0                                 |
| 90.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 19.7                               | 78.6                                     | 2 800*                             | 24.4                               | 84.7                                     | 2 900*                             | 90.0                                 |
| 92.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 15.0                               | 71.8                                     | 2 500*                             | 20.8                               | 79.6                                     | 2 700*                             | 92.0                                 |
| 94.0                                 |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 16.4                               | 73.4                                     | 2 400*                             | 94.0                                 |
| 96.0                                 |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 10.2                               | 64.2                                     | 2 100*                             | 96.0                                 |



# Liftcrane Fixed Jib Capacities

**999 SERIES 3**

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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

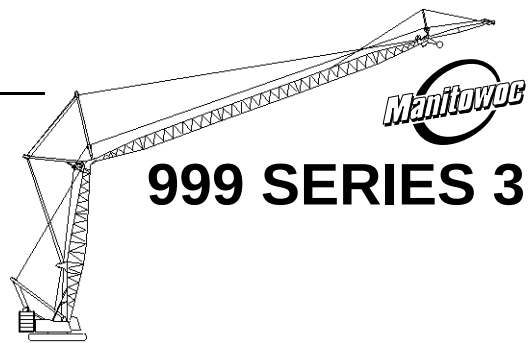
**48.8m (160 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib, 24.4m (80 Ft.) Fixed Jib**

| Fixed Jib Oper. Rad. Meters | 88 Degree Boom Angle      |                              |                              | 86 Degree Boom Angle      |                              |                              | 83 Degree Boom Angle      |                              |                              | 80 Degree Boom Angle      |                              |                              | Fixed Jib Oper. Rad. Meters |
|-----------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|-----------------------------|
|                             | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms |                             |
| 25.9                        | 74.4                      | 125.1                        | 6 100*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 25.9                        |
| 26.0                        | 74.3                      | 125.1                        | 6 100*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 26.0                        |
| 28.0                        | 72.8                      | 124.5                        | 6 000*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 28.0                        |
| 30.0                        | 71.2                      | 123.8                        | 5 900*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 30.0                        |
| 32.0                        | 69.6                      | 123.1                        | 5 800*                       | 71.0                      | 123.6                        | 6 800*                       |                           |                              |                              |                           |                              |                              | 32.0                        |
| 34.0                        | 68.0                      | 122.2                        | 5 700*                       | 69.4                      | 122.8                        | 6 700*                       |                           |                              |                              |                           |                              |                              | 34.0                        |
| 36.0                        | 66.4                      | 121.4                        | 5 600*                       | 67.8                      | 122.0                        | 6 600*                       |                           |                              |                              |                           |                              |                              | 36.0                        |
| 38.0                        | 64.8                      | 120.4                        | 5 500*                       | 66.1                      | 121.1                        | 6 400*                       | 68.2                      | 122.0                        | 6 500*                       |                           |                              |                              | 38.0                        |
| 40.0                        | 63.1                      | 119.4                        | 5 400*                       | 64.5                      | 120.2                        | 6 400*                       | 66.6                      | 121.1                        | 6 400*                       |                           |                              |                              | 40.0                        |
| 42.0                        | 61.4                      | 118.3                        | 5 300*                       | 62.8                      | 119.2                        | 6 200*                       | 64.9                      | 120.2                        | 6 200*                       |                           |                              |                              | 42.0                        |
| 44.0                        | 59.7                      | 117.2                        | 5 200*                       | 61.1                      | 118.1                        | 6 100*                       | 63.3                      | 119.2                        | 6 100*                       | 65.4                      | 120.0                        | 6 200*                       | 44.0                        |
| 46.0                        | 57.9                      | 115.9                        | 5 100*                       | 59.4                      | 116.9                        | 6 000*                       | 61.6                      | 118.1                        | 6 100*                       | 63.7                      | 119.0                        | 6 100*                       | 46.0                        |
| 48.0                        | 56.1                      | 114.6                        | 5 000*                       | 57.6                      | 115.6                        | 5 800*                       | 59.9                      | 116.9                        | 5 900*                       | 62.0                      | 117.9                        | 6 000*                       | 48.0                        |
| 50.0                        | 54.3                      | 113.2                        | 4 900*                       | 55.9                      | 114.3                        | 5 700*                       | 58.1                      | 115.7                        | 5 800*                       | 60.3                      | 116.8                        | 5 900*                       | 50.0                        |
| 52.0                        | 52.4                      | 111.6                        | 4 800*                       | 54.0                      | 112.8                        | 5 700*                       | 56.3                      | 114.4                        | 5 800*                       | 58.6                      | 115.6                        | 5 800*                       | 52.0                        |
| 54.0                        | 50.5                      | 110.0                        | 4 800*                       | 52.1                      | 111.3                        | 5 500*                       | 54.5                      | 112.9                        | 5 600*                       | 56.8                      | 114.3                        | 5 700*                       | 54.0                        |
| 56.0                        | 48.5                      | 108.2                        | 4 700*                       | 50.2                      | 109.6                        | 5 400*                       | 52.7                      | 111.4                        | 5 500*                       | 55.0                      | 112.9                        | 5 600*                       | 56.0                        |
| 58.0                        | 46.5                      | 106.3                        | 4 500*                       | 48.2                      | 107.8                        | 5 300*                       | 50.7                      | 109.8                        | 5 500*                       | 53.1                      | 111.4                        | 5 500*                       | 58.0                        |
| 60.0                        | 44.4                      | 104.3                        | 4 200*                       | 46.2                      | 105.9                        | 5 200*                       | 48.8                      | 108.1                        | 5 300*                       | 51.2                      | 109.8                        | 5 400*                       | 60.0                        |
| 62.0                        | 42.2                      | 102.1                        | 3 900*                       | 44.0                      | 103.9                        | 4 800*                       | 46.7                      | 106.2                        | 5 200*                       | 49.3                      | 108.1                        | 5 400*                       | 62.0                        |
| 64.0                        | 39.9                      | 99.8                         | 3 700*                       | 41.8                      | 101.7                        | 4 500*                       | 44.6                      | 104.2                        | 5 200*                       | 47.3                      | 106.3                        | 5 200*                       | 64.0                        |
| 66.0                        | 37.4                      | 97.2                         | 3 400*                       | 39.5                      | 99.3                         | 4 200*                       | 42.4                      | 102.0                        | 5 100*                       | 45.2                      | 104.3                        | 5 100*                       | 66.0                        |
| 68.0                        | 34.9                      | 94.4                         | 3 200*                       | 37.1                      | 96.7                         | 3 900*                       | 40.1                      | 99.7                         | 4 900*                       | 43.0                      | 102.2                        | 5 000*                       | 68.0                        |
| 70.0                        | 32.1                      | 91.3                         | 3 000*                       | 34.5                      | 93.8                         | 3 700*                       | 37.7                      | 97.1                         | 4 700*                       | 40.7                      | 99.9                         | 5 000*                       | 70.0                        |
| 72.0                        | 29.1                      | 87.8                         | 2 800*                       | 31.7                      | 90.7                         | 3 400*                       | 35.2                      | 94.3                         | 4 400*                       | 38.4                      | 97.4                         | 4 900*                       | 72.0                        |
| 74.0                        | 25.8                      | 83.8                         | 2 700*                       | 28.7                      | 87.1                         | 3 200*                       | 32.5                      | 91.3                         | 4 300*                       | 35.9                      | 94.7                         | 4 600*                       | 74.0                        |
| 76.0                        | 22.0                      | 79.1                         | 2 500*                       | 25.3                      | 83.0                         | 3 100*                       | 29.5                      | 87.8                         | 4 000*                       | 33.2                      | 91.7                         | 4 400*                       | 76.0                        |
| 78.0                        | 17.5                      | 73.3                         | 2 400*                       | 21.4                      | 78.2                         | 2 900*                       | 26.2                      | 83.9                         | 3 800*                       | 30.3                      | 88.3                         | 4 200*                       | 78.0                        |
| 80.0                        | 11.1                      | 65.0                         | 2 300*                       | 16.7                      | 72.2                         | 2 700*                       | 22.5                      | 79.3                         | 3 500*                       | 27.1                      | 84.6                         | 4 100*                       | 80.0                        |
| 82.0                        |                           |                              |                              | 9.7                       | 63.1                         | 2 600*                       | 18.1                      | 73.7                         | 3 300*                       | 23.5                      | 80.2                         | 3 900*                       | 82.0                        |
| 84.0                        |                           |                              |                              |                           |                              |                              | 12.0                      | 65.8                         | 3 200*                       | 19.3                      | 74.9                         | 3 700*                       | 84.0                        |
| 86.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 13.9                      | 67.8                         | 3 600*                       | 86.0                        |

# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

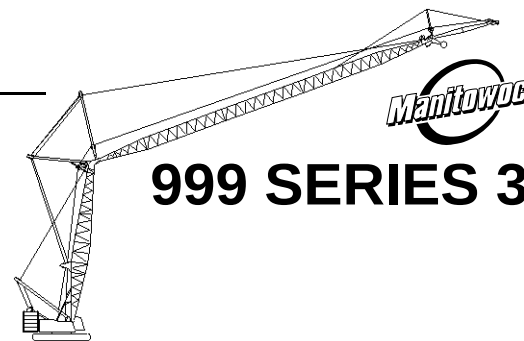
Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 999 SERIES 3

**48.8m (160 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib, 24.4m (80 Ft.) Fixed Jib**

| Fixed Jib<br>Oper.<br>Rad.<br>Meters | 88 Degree<br>Boom Angle            |                                          |                                    | 86 Degree<br>Boom Angle            |                                          |                                    | 83 Degree<br>Boom Angle            |                                          |                                    | 80 Degree<br>Boom Angle            |                                          |                                    | Fixed Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|--------------------------------------|
|                                      | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms |                                      |
| 27.4                                 | 73.9                               | 127.9                                    | 5 900*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 27.4                                 |
| 28.0                                 | 73.5                               | 127.7                                    | 5 900*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 28.0                                 |
| 30.0                                 | 72.0                               | 127.0                                    | 5 800*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 30.0                                 |
| 32.0                                 | 70.4                               | 126.3                                    | 5 700*                             | 71.7                               | 126.8                                    | 6 700*                             |                                    |                                          |                                    |                                    |                                          |                                    | 32.0                                 |
| 34.0                                 | 68.9                               | 125.5                                    | 5 600*                             | 70.2                               | 126.1                                    | 6 600*                             |                                    |                                          |                                    |                                    |                                          |                                    | 34.0                                 |
| 36.0                                 | 67.4                               | 124.7                                    | 5 500*                             | 68.7                               | 125.3                                    | 6 400*                             |                                    |                                          |                                    |                                    |                                          |                                    | 36.0                                 |
| 38.0                                 | 65.8                               | 123.8                                    | 5 400*                             | 67.1                               | 124.5                                    | 6 400*                             |                                    |                                          |                                    |                                    |                                          |                                    | 38.0                                 |
| 40.0                                 | 64.2                               | 122.8                                    | 5 300*                             | 65.5                               | 123.6                                    | 6 200*                             | 67.5                               | 124.4                                    | 6 300*                             |                                    |                                          |                                    | 40.0                                 |
| 42.0                                 | 62.6                               | 121.8                                    | 5 300*                             | 64.0                               | 122.6                                    | 6 100*                             | 66.0                               | 123.5                                    | 6 200*                             |                                    |                                          |                                    | 42.0                                 |
| 44.0                                 | 60.9                               | 120.7                                    | 5 200*                             | 62.3                               | 121.5                                    | 6 000*                             | 64.4                               | 122.6                                    | 6 100*                             |                                    |                                          |                                    | 44.0                                 |
| 46.0                                 | 59.3                               | 119.5                                    | 5 100*                             | 60.7                               | 120.4                                    | 5 900*                             | 62.8                               | 121.5                                    | 6 000*                             | 64.8                               | 122.4                                    | 6 000*                             | 46.0                                 |
| 48.0                                 | 57.6                               | 118.3                                    | 5 000*                             | 59.0                               | 119.2                                    | 5 800*                             | 61.1                               | 120.4                                    | 5 900*                             | 63.2                               | 121.4                                    | 5 900*                             | 48.0                                 |
| 50.0                                 | 55.9                               | 116.9                                    | 4 900*                             | 57.3                               | 117.9                                    | 5 700*                             | 59.5                               | 119.3                                    | 5 800*                             | 61.6                               | 120.3                                    | 5 900*                             | 50.0                                 |
| 52.0                                 | 54.1                               | 115.5                                    | 4 800*                             | 55.6                               | 116.6                                    | 5 600*                             | 57.8                               | 118.0                                    | 5 700*                             | 59.9                               | 119.2                                    | 5 800*                             | 52.0                                 |
| 54.0                                 | 52.3                               | 113.9                                    | 4 700*                             | 53.8                               | 115.1                                    | 5 500*                             | 56.1                               | 116.7                                    | 5 600*                             | 58.2                               | 117.9                                    | 5 700*                             | 54.0                                 |
| 56.0                                 | 50.4                               | 112.3                                    | 4 700*                             | 52.0                               | 113.6                                    | 5 400*                             | 54.3                               | 115.2                                    | 5 500*                             | 56.5                               | 116.6                                    | 5 600*                             | 56.0                                 |
| 58.0                                 | 48.5                               | 110.5                                    | 4 500*                             | 50.2                               | 111.9                                    | 5 400*                             | 52.5                               | 113.7                                    | 5 400*                             | 54.8                               | 115.2                                    | 5 500*                             | 58.0                                 |
| 60.0                                 | 46.6                               | 108.7                                    | 4 200*                             | 48.3                               | 110.1                                    | 5 200*                             | 50.7                               | 112.1                                    | 5 300*                             | 53.0                               | 113.7                                    | 5 400*                             | 60.0                                 |
| 62.0                                 | 44.6                               | 106.6                                    | 3 900*                             | 46.3                               | 108.2                                    | 4 800*                             | 48.8                               | 110.4                                    | 5 200*                             | 51.2                               | 112.1                                    | 5 300*                             | 62.0                                 |
| 64.0                                 | 42.4                               | 104.5                                    | 3 700*                             | 44.2                               | 106.2                                    | 4 500*                             | 46.8                               | 108.5                                    | 5 100*                             | 49.3                               | 110.4                                    | 5 200*                             | 64.0                                 |
| 66.0                                 | 40.2                               | 102.1                                    | 3 400*                             | 42.1                               | 104.0                                    | 4 200*                             | 44.8                               | 106.5                                    | 5 000*                             | 47.3                               | 108.6                                    | 5 100*                             | 66.0                                 |
| 68.0                                 | 37.9                               | 99.6                                     | 3 200*                             | 39.9                               | 101.7                                    | 4 000*                             | 42.7                               | 104.3                                    | 4 700*                             | 45.3                               | 106.6                                    | 5 000*                             | 68.0                                 |
| 70.0                                 | 35.5                               | 96.9                                     | 3 000*                             | 37.6                               | 99.1                                     | 3 700*                             | 40.5                               | 102.0                                    | 4 500*                             | 43.3                               | 104.5                                    | 4 900*                             | 70.0                                 |
| 72.0                                 | 32.9                               | 93.8                                     | 2 800*                             | 35.1                               | 96.3                                     | 3 500*                             | 38.2                               | 99.5                                     | 4 300*                             | 41.1                               | 102.2                                    | 4 700*                             | 72.0                                 |
| 74.0                                 | 30.1                               | 90.5                                     | 2 700*                             | 32.5                               | 93.2                                     | 3 300*                             | 35.8                               | 96.8                                     | 4 100*                             | 38.8                               | 99.8                                     | 4 500*                             | 74.0                                 |
| 76.0                                 | 27.0                               | 86.7                                     | 2 500*                             | 29.7                               | 89.8                                     | 3 100*                             | 33.2                               | 93.8                                     | 3 900*                             | 36.4                               | 97.1                                     | 4 300*                             | 76.0                                 |
| 78.0                                 | 23.6                               | 82.3                                     | 2 400*                             | 26.6                               | 86.0                                     | 2 900*                             | 30.5                               | 90.5                                     | 3 700*                             | 33.9                               | 94.2                                     | 4 100*                             | 78.0                                 |
| 80.0                                 | 19.6                               | 77.1                                     | 2 300*                             | 23.0                               | 81.5                                     | 2 700*                             | 27.4                               | 86.8                                     | 3 600*                             | 31.2                               | 91.0                                     | 3 900*                             | 80.0                                 |
| 82.0                                 | 14.5                               | 70.2                                     | 2 200*                             | 18.9                               | 76.0                                     | 2 600*                             | 24.0                               | 82.5                                     | 3 400*                             | 28.2                               | 87.4                                     | 3 700*                             | 82.0                                 |
| 84.0                                 |                                    |                                          |                                    | 13.5                               | 68.8                                     | 2 500*                             | 20.1                               | 77.3                                     | 3 200*                             | 25.0                               | 83.2                                     | 3 600*                             | 84.0                                 |
| 86.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 15.2                               | 70.8                                     | 3 000*                             | 21.2                               | 78.4                                     | 3 400*                             | 86.0                                 |
| 88.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 7.3                                | 60.0                                     | 2 800*                             | 16.6                               | 72.3                                     | 3 300*                             | 88.0                                 |



# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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

## 999 SERIES 3

**48.8m (160 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib, 24.4m (80 Ft.) Fixed Jib**

| Fixed Jib Oper. Rad. Meters | 88 Degree Boom Angle      |                              |                              | 86 Degree Boom Angle      |                              |                              | 83 Degree Boom Angle      |                              |                              | 80 Degree Boom Angle      |                              |                              | Fixed Jib Oper. Rad. Meters |
|-----------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|-----------------------------|
|                             | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms |                             |
| 27.4                        | 74.5                      | 131.0                        | 5 800*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 27.4                        |
| 28.0                        | 74.1                      | 130.9                        | 5 800*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 28.0                        |
| 30.0                        | 72.6                      | 130.2                        | 5 700*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 30.0                        |
| 32.0                        | 71.2                      | 129.6                        | 5 600*                       | 72.4                      | 130.0                        | 6 600*                       |                           |                              |                              |                           |                              |                              | 32.0                        |
| 34.0                        | 69.7                      | 128.8                        | 5 600*                       | 71.0                      | 129.3                        | 6 500*                       |                           |                              |                              |                           |                              |                              | 34.0                        |
| 36.0                        | 68.2                      | 128.0                        | 5 400*                       | 69.5                      | 128.6                        | 6 400*                       |                           |                              |                              |                           |                              |                              | 36.0                        |
| 38.0                        | 66.7                      | 127.2                        | 5 400*                       | 68.0                      | 127.8                        | 6 300*                       |                           |                              |                              |                           |                              |                              | 38.0                        |
| 40.0                        | 65.2                      | 126.2                        | 5 300*                       | 66.5                      | 126.9                        | 6 100*                       | 68.4                      | 127.7                        | 6 200*                       |                           |                              |                              | 40.0                        |
| 42.0                        | 63.7                      | 125.3                        | 5 200*                       | 65.0                      | 126.0                        | 6 100*                       | 66.9                      | 126.9                        | 6 100*                       |                           |                              |                              | 42.0                        |
| 44.0                        | 62.1                      | 124.2                        | 5 100*                       | 63.4                      | 125.0                        | 5 900*                       | 65.4                      | 126.0                        | 6 000*                       |                           |                              |                              | 44.0                        |
| 46.0                        | 60.5                      | 123.1                        | 5 000*                       | 61.9                      | 123.9                        | 5 900*                       | 63.9                      | 125.0                        | 5 900*                       | 65.8                      | 125.8                        | 6 000*                       | 46.0                        |
| 48.0                        | 58.9                      | 121.9                        | 4 900*                       | 60.3                      | 122.8                        | 5 800*                       | 62.3                      | 123.9                        | 5 800*                       | 64.3                      | 124.8                        | 5 800*                       | 48.0                        |
| 50.0                        | 57.3                      | 120.6                        | 4 900*                       | 58.7                      | 121.6                        | 5 700*                       | 60.7                      | 122.8                        | 5 700*                       | 62.7                      | 123.8                        | 5 800*                       | 50.0                        |
| 52.0                        | 55.6                      | 119.2                        | 4 800*                       | 57.0                      | 120.3                        | 5 600*                       | 59.1                      | 121.6                        | 5 600*                       | 61.1                      | 122.7                        | 5 700*                       | 52.0                        |
| 54.0                        | 53.9                      | 117.8                        | 4 700*                       | 55.4                      | 118.9                        | 5 500*                       | 57.5                      | 120.3                        | 5 600*                       | 59.5                      | 121.5                        | 5 600*                       | 54.0                        |
| 56.0                        | 52.2                      | 116.2                        | 4 600*                       | 53.7                      | 117.4                        | 5 400*                       | 55.8                      | 119.0                        | 5 500*                       | 57.9                      | 120.3                        | 5 500*                       | 56.0                        |
| 58.0                        | 50.4                      | 114.6                        | 4 400*                       | 51.9                      | 115.9                        | 5 300*                       | 54.1                      | 117.6                        | 5 400*                       | 56.3                      | 118.9                        | 5 500*                       | 58.0                        |
| 60.0                        | 48.6                      | 112.8                        | 4 200*                       | 50.1                      | 114.2                        | 5 100*                       | 52.4                      | 116.0                        | 5 300*                       | 54.6                      | 117.5                        | 5 300*                       | 60.0                        |
| 62.0                        | 46.7                      | 111.0                        | 3 900*                       | 48.3                      | 112.4                        | 4 800*                       | 50.6                      | 114.4                        | 5 200*                       | 52.8                      | 116.0                        | 5 300*                       | 62.0                        |
| 64.0                        | 44.7                      | 109.0                        | 3 700*                       | 46.4                      | 110.6                        | 4 500*                       | 48.8                      | 112.7                        | 5 100*                       | 51.1                      | 114.4                        | 5 200*                       | 64.0                        |
| 66.0                        | 42.7                      | 106.8                        | 3 400*                       | 44.4                      | 108.5                        | 4 300*                       | 46.9                      | 110.8                        | 5 100*                       | 49.3                      | 112.7                        | 5 100*                       | 66.0                        |
| 68.0                        | 40.6                      | 104.5                        | 3 200*                       | 42.4                      | 106.4                        | 4 000*                       | 45.0                      | 108.8                        | 5 000*                       | 47.4                      | 110.9                        | 5 000*                       | 68.0                        |
| 70.0                        | 38.4                      | 102.0                        | 3 000*                       | 40.3                      | 104.0                        | 3 800*                       | 42.9                      | 106.7                        | 4 800*                       | 45.5                      | 108.9                        | 4 900*                       | 70.0                        |
| 72.0                        | 36.1                      | 99.3                         | 2 900*                       | 38.1                      | 101.5                        | 3 500*                       | 40.9                      | 104.4                        | 4 500*                       | 43.5                      | 106.8                        | 4 900*                       | 72.0                        |
| 74.0                        | 33.6                      | 96.4                         | 2 700*                       | 35.7                      | 98.8                         | 3 300*                       | 38.7                      | 101.9                        | 4 400*                       | 41.4                      | 104.6                        | 4 700*                       | 74.0                        |
| 76.0                        | 31.0                      | 93.1                         | 2 500*                       | 33.2                      | 95.8                         | 3 100*                       | 36.4                      | 99.3                         | 4 100*                       | 39.2                      | 102.2                        | 4 500*                       | 76.0                        |
| 78.0                        | 28.1                      | 89.5                         | 2 400*                       | 30.6                      | 92.5                         | 3 000*                       | 33.9                      | 96.3                         | 4 000*                       | 37.0                      | 99.6                         | 4 300*                       | 78.0                        |
| 80.0                        | 25.0                      | 85.3                         | 2 300*                       | 27.7                      | 88.8                         | 2 800*                       | 31.3                      | 93.1                         | 3 900*                       | 34.6                      | 96.7                         | 4 100*                       | 80.0                        |
| 82.0                        | 21.4                      | 80.5                         | 2 200*                       | 24.5                      | 84.6                         | 2 600*                       | 28.5                      | 89.5                         | 3 500*                       | 32.0                      | 93.6                         | 4 000*                       | 82.0                        |
| 84.0                        | 17.0                      | 74.5                         | 2 100*                       | 20.8                      | 79.6                         | 2 500*                       | 25.4                      | 85.5                         | 3 300*                       | 29.2                      | 90.1                         | 3 800*                       | 84.0                        |
| 86.0                        | 11.0                      | 66.0                         | 2 100*                       | 16.3                      | 73.3                         | 2 400*                       | 21.8                      | 80.7                         | 3 100*                       | 26.2                      | 86.2                         | 3 700*                       | 86.0                        |
| 88.0                        |                           |                              |                              | 9.8                       | 64.2                         | 2 300*                       | 17.6                      | 74.9                         | 3 000*                       | 22.8                      | 81.6                         | 3 500*                       | 88.0                        |
| 90.0                        |                           |                              |                              |                           |                              |                              | 11.9                      | 66.9                         | 2 800*                       | 18.8                      | 76.2                         | 3 400*                       | 90.0                        |
| 92.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 13.6                      | 68.9                         | 3 200*                       | 92.0                        |

# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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



## 999 SERIES 3

**48.8m (160 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib, 24.4m (80 Ft.) Fixed Jib**

| Fixed Jib<br>Oper.<br>Rad.<br>Meters | 88 Degree<br>Boom Angle            |                                          |                                    | 86 Degree<br>Boom Angle            |                                          |                                    | 83 Degree<br>Boom Angle            |                                          |                                    | 80 Degree<br>Boom Angle            |                                          |                                    | Fixed Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|--------------------------------------|
|                                      | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms |                                      |
| 29.0                                 | 74.0                               | 133.8                                    | 5 600*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 29.0                                 |
| 30.0                                 | 73.3                               | 133.4                                    | 5 600*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 30.0                                 |
| 32.0                                 | 71.9                               | 132.8                                    | 5 500*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 32.0                                 |
| 34.0                                 | 70.5                               | 132.1                                    | 5 400*                             | 71.7                               | 132.6                                    | 6 300*                             |                                    |                                          |                                    |                                    |                                          |                                    | 34.0                                 |
| 36.0                                 | 69.0                               | 131.3                                    | 5 300*                             | 70.2                               | 131.8                                    | 6 200*                             |                                    |                                          |                                    |                                    |                                          |                                    | 36.0                                 |
| 38.0                                 | 67.6                               | 130.5                                    | 5 300*                             | 68.8                               | 131.1                                    | 6 100*                             |                                    |                                          |                                    |                                    |                                          |                                    | 38.0                                 |
| 40.0                                 | 66.1                               | 129.6                                    | 5 200*                             | 67.4                               | 130.2                                    | 6 100*                             | 69.2                               | 131.0                                    | 6 100*                             |                                    |                                          |                                    | 40.0                                 |
| 42.0                                 | 64.7                               | 128.7                                    | 5 100*                             | 65.9                               | 129.4                                    | 6 000*                             | 67.8                               | 130.2                                    | 6 000*                             |                                    |                                          |                                    | 42.0                                 |
| 44.0                                 | 63.2                               | 127.6                                    | 5 000*                             | 64.5                               | 128.4                                    | 5 900*                             | 66.3                               | 129.3                                    | 5 900*                             |                                    |                                          |                                    | 44.0                                 |
| 46.0                                 | 61.7                               | 126.6                                    | 5 000*                             | 63.0                               | 127.4                                    | 5 800*                             | 64.9                               | 128.4                                    | 5 800*                             | 66.7                               | 129.1                                    | 5 800*                             | 46.0                                 |
| 48.0                                 | 60.1                               | 125.4                                    | 4 900*                             | 61.5                               | 126.3                                    | 5 700*                             | 63.4                               | 127.4                                    | 5 700*                             | 65.2                               | 128.2                                    | 5 800*                             | 48.0                                 |
| 50.0                                 | 58.6                               | 124.2                                    | 4 800*                             | 59.9                               | 125.1                                    | 5 600*                             | 61.9                               | 126.3                                    | 5 700*                             | 63.8                               | 127.2                                    | 5 700*                             | 50.0                                 |
| 52.0                                 | 57.0                               | 122.9                                    | 4 800*                             | 58.4                               | 123.9                                    | 5 500*                             | 60.3                               | 125.2                                    | 5 600*                             | 62.3                               | 126.2                                    | 5 600*                             | 52.0                                 |
| 54.0                                 | 55.4                               | 121.5                                    | 4 700*                             | 56.8                               | 122.6                                    | 5 500*                             | 58.8                               | 124.0                                    | 5 500*                             | 60.7                               | 125.1                                    | 5 500*                             | 54.0                                 |
| 56.0                                 | 53.7                               | 120.1                                    | 4 600*                             | 55.1                               | 121.2                                    | 5 400*                             | 57.2                               | 122.7                                    | 5 400*                             | 59.2                               | 123.9                                    | 5 500*                             | 56.0                                 |
| 58.0                                 | 52.1                               | 118.5                                    | 4 300*                             | 53.5                               | 119.7                                    | 5 300*                             | 55.6                               | 121.3                                    | 5 300*                             | 57.6                               | 122.6                                    | 5 300*                             | 58.0                                 |
| 60.0                                 | 50.3                               | 116.9                                    | 4 100*                             | 51.8                               | 118.2                                    | 5 100*                             | 53.9                               | 119.9                                    | 5 200*                             | 56.0                               | 121.3                                    | 5 300*                             | 60.0                                 |
| 62.0                                 | 48.6                               | 115.1                                    | 3 900*                             | 50.1                               | 116.5                                    | 4 800*                             | 52.3                               | 118.3                                    | 5 200*                             | 54.4                               | 119.8                                    | 5 200*                             | 62.0                                 |
| 64.0                                 | 46.8                               | 113.3                                    | 3 600*                             | 48.3                               | 114.7                                    | 4 500*                             | 50.6                               | 116.7                                    | 5 100*                             | 52.7                               | 118.3                                    | 5 200*                             | 64.0                                 |
| 66.0                                 | 44.9                               | 111.3                                    | 3 400*                             | 46.5                               | 112.9                                    | 4 200*                             | 48.8                               | 115.0                                    | 5 100*                             | 51.0                               | 116.7                                    | 5 100*                             | 66.0                                 |
| 68.0                                 | 42.9                               | 109.1                                    | 3 200*                             | 44.6                               | 110.8                                    | 4 000*                             | 47.0                               | 113.1                                    | 4 900*                             | 49.3                               | 115.0                                    | 5 000*                             | 68.0                                 |
| 70.0                                 | 40.9                               | 106.9                                    | 3 000*                             | 42.6                               | 108.7                                    | 3 800*                             | 45.1                               | 111.1                                    | 4 600*                             | 47.5                               | 113.2                                    | 4 900*                             | 70.0                                 |
| 72.0                                 | 38.8                               | 104.4                                    | 2 900*                             | 40.6                               | 106.4                                    | 3 500*                             | 43.2                               | 109.0                                    | 4 400*                             | 45.6                               | 111.2                                    | 4 800*                             | 72.0                                 |
| 74.0                                 | 36.6                               | 101.8                                    | 2 700*                             | 38.5                               | 103.9                                    | 3 300*                             | 41.2                               | 106.7                                    | 4 200*                             | 43.7                               | 109.2                                    | 4 600*                             | 74.0                                 |
| 76.0                                 | 34.3                               | 98.9                                     | 2 500*                             | 36.3                               | 101.2                                    | 3 100*                             | 39.1                               | 104.3                                    | 4 100*                             | 41.7                               | 106.9                                    | 4 400*                             | 76.0                                 |
| 78.0                                 | 31.8                               | 95.7                                     | 2 400*                             | 33.9                               | 98.3                                     | 3 000*                             | 36.9                               | 101.7                                    | 3 900*                             | 39.6                               | 104.6                                    | 4 200*                             | 78.0                                 |
| 80.0                                 | 29.1                               | 92.2                                     | 2 300*                             | 31.4                               | 95.1                                     | 2 800*                             | 34.6                               | 98.8                                     | 3 700*                             | 37.5                               | 102.0                                    | 4 000*                             | 80.0                                 |
| 82.0                                 | 26.2                               | 88.3                                     | 2 100*                             | 28.7                               | 91.5                                     | 2 700*                             | 32.1                               | 95.7                                     | 3 600*                             | 35.2                               | 99.2                                     | 3 900*                             | 82.0                                 |
| 84.0                                 | 22.9                               | 83.8                                     | 2 000*                             | 25.7                               | 87.5                                     | 2 500*                             | 29.4                               | 92.3                                     | 3 300*                             | 32.8                               | 96.1                                     | 3 700*                             | 84.0                                 |
| 86.0                                 | 19.0                               | 78.3                                     | 1 800*                             | 22.4                               | 82.9                                     | 2 400*                             | 26.5                               | 88.4                                     | 3 200*                             | 30.2                               | 92.8                                     | 3 600*                             | 86.0                                 |
| 88.0                                 | 14.2                               | 71.3                                     | 1 800*                             | 18.4                               | 77.3                                     | 2 300*                             | 23.3                               | 83.9                                     | 3 000*                             | 27.3                               | 89.0                                     | 3 400*                             | 88.0                                 |
| 90.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 19.5                               | 78.6                                     | 2 800*                             | 24.2                               | 84.7                                     | 3 200*                             | 90.0                                 |
| 92.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 14.9                               | 71.9                                     | 2 600*                             | 20.6                               | 79.7                                     | 2 900*                             | 92.0                                 |
| 94.0                                 |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 16.2                               | 73.4                                     | 2 700*                             | 94.0                                 |
| 96.0                                 |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 10.0                               | 64.4                                     | 2 400*                             | 96.0                                 |



# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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

**999 SERIES 3**

**48.8m (160 Ft.) Boom, 64.0m (210 Ft.) Luffing Jib, 24.4m (80 Ft.) Fixed Jib**

| Fixed Jib Oper. Rad. Meters | 88 Degree Boom Angle      |                              |                              | 86 Degree Boom Angle      |                              |                              | 83 Degree Boom Angle      |                              |                              | 80 Degree Boom Angle      |                              |                              | Fixed Jib Oper. Rad. Meters |
|-----------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|-----------------------------|
|                             | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms |                             |
| 29.0                        | 74.6                      | 136.9                        | 5 400*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 29.0                        |
| 30.0                        | 73.9                      | 136.6                        | 5 400*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 30.0                        |
| 32.0                        | 72.5                      | 136.0                        | 5 300*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 32.0                        |
| 34.0                        | 71.2                      | 135.3                        | 5 300*                       | 72.3                      | 135.8                        | 6 200*                       |                           |                              |                              |                           |                              |                              | 34.0                        |
| 36.0                        | 69.8                      | 134.6                        | 5 200*                       | 71.0                      | 135.1                        | 6 100*                       |                           |                              |                              |                           |                              |                              | 36.0                        |
| 38.0                        | 68.4                      | 133.8                        | 5 100*                       | 69.6                      | 134.4                        | 6 000*                       |                           |                              |                              |                           |                              |                              | 38.0                        |
| 40.0                        | 67.0                      | 132.9                        | 5 100*                       | 68.2                      | 133.6                        | 5 900*                       |                           |                              |                              |                           |                              |                              | 40.0                        |
| 42.0                        | 65.6                      | 132.0                        | 5 000*                       | 66.8                      | 132.7                        | 5 800*                       | 68.6                      | 133.5                        | 5 900*                       |                           |                              |                              | 42.0                        |
| 44.0                        | 64.2                      | 131.1                        | 4 900*                       | 65.4                      | 131.8                        | 5 800*                       | 67.2                      | 132.7                        | 5 800*                       |                           |                              |                              | 44.0                        |
| 46.0                        | 62.7                      | 130.0                        | 4 900*                       | 64.0                      | 130.8                        | 5 700*                       | 65.8                      | 131.8                        | 5 700*                       |                           |                              |                              | 46.0                        |
| 48.0                        | 61.3                      | 128.9                        | 4 800*                       | 62.5                      | 129.8                        | 5 600*                       | 64.3                      | 130.8                        | 5 600*                       | 66.1                      | 131.6                        | 5 600*                       | 48.0                        |
| 50.0                        | 59.8                      | 127.8                        | 4 700*                       | 61.1                      | 128.7                        | 5 500*                       | 62.9                      | 129.8                        | 5 600*                       | 64.7                      | 130.6                        | 5 600*                       | 50.0                        |
| 52.0                        | 58.3                      | 126.6                        | 4 700*                       | 59.6                      | 127.5                        | 5 400*                       | 61.4                      | 128.7                        | 5 500*                       | 63.3                      | 129.6                        | 5 500*                       | 52.0                        |
| 54.0                        | 56.7                      | 125.2                        | 4 600*                       | 58.0                      | 126.2                        | 5 400*                       | 60.0                      | 127.5                        | 5 400*                       | 61.8                      | 128.6                        | 5 400*                       | 54.0                        |
| 56.0                        | 55.2                      | 123.9                        | 4 500*                       | 56.5                      | 124.9                        | 5 300*                       | 58.5                      | 126.3                        | 5 300*                       | 60.4                      | 127.4                        | 5 400*                       | 56.0                        |
| 58.0                        | 53.6                      | 122.4                        | 4 300*                       | 54.9                      | 123.5                        | 5 200*                       | 56.9                      | 125.0                        | 5 300*                       | 58.9                      | 126.2                        | 5 300*                       | 58.0                        |
| 60.0                        | 52.0                      | 120.8                        | 4 100*                       | 53.3                      | 122.1                        | 5 000*                       | 55.4                      | 123.6                        | 5 200*                       | 57.3                      | 124.9                        | 5 300*                       | 60.0                        |
| 62.0                        | 50.3                      | 119.2                        | 3 800*                       | 51.7                      | 120.5                        | 4 700*                       | 53.8                      | 122.2                        | 5 100*                       | 55.8                      | 123.6                        | 5 100*                       | 62.0                        |
| 64.0                        | 48.6                      | 117.4                        | 3 600*                       | 50.0                      | 118.8                        | 4 400*                       | 52.2                      | 120.6                        | 5 000*                       | 54.2                      | 122.2                        | 5 100*                       | 64.0                        |
| 66.0                        | 46.8                      | 115.6                        | 3 400*                       | 48.3                      | 117.0                        | 4 200*                       | 50.5                      | 119.0                        | 4 800*                       | 52.6                      | 120.6                        | 5 000*                       | 66.0                        |
| 68.0                        | 45.0                      | 113.6                        | 3 200*                       | 46.6                      | 115.2                        | 4 000*                       | 48.8                      | 117.3                        | 4 600*                       | 50.9                      | 119.0                        | 5 000*                       | 68.0                        |
| 70.0                        | 43.2                      | 111.5                        | 3 000*                       | 44.8                      | 113.2                        | 3 800*                       | 47.0                      | 115.4                        | 4 400*                       | 49.2                      | 117.3                        | 4 800*                       | 70.0                        |
| 72.0                        | 41.2                      | 109.2                        | 2 800*                       | 42.9                      | 111.0                        | 3 500*                       | 45.2                      | 113.4                        | 4 200*                       | 47.5                      | 115.5                        | 4 500*                       | 72.0                        |
| 74.0                        | 39.2                      | 106.8                        | 2 700*                       | 40.9                      | 108.7                        | 3 400*                       | 43.4                      | 111.3                        | 4 000*                       | 45.7                      | 113.5                        | 4 400*                       | 74.0                        |
| 76.0                        | 37.1                      | 104.2                        | 2 500*                       | 38.9                      | 106.3                        | 3 200*                       | 41.5                      | 109.1                        | 3 800*                       | 43.9                      | 111.5                        | 4 100*                       | 76.0                        |
| 78.0                        | 34.9                      | 101.4                        | 2 400*                       | 36.8                      | 103.7                        | 3 000*                       | 39.4                      | 106.7                        | 3 600*                       | 42.0                      | 109.3                        | 4 000*                       | 78.0                        |
| 80.0                        | 32.5                      | 98.3                         | 2 000*                       | 34.5                      | 100.8                        | 2 800*                       | 37.4                      | 104.1                        | 3 500*                       | 40.0                      | 106.9                        | 3 800*                       | 80.0                        |
| 82.0                        | 30.0                      | 94.9                         | 1 900*                       | 32.1                      | 97.7                         | 2 700*                       | 35.1                      | 101.3                        | 3 400*                       | 37.9                      | 104.4                        | 3 700*                       | 82.0                        |
| 84.0                        |                           |                              |                              | 29.6                      | 94.2                         | 2 500*                       | 32.8                      | 98.3                         | 3 200*                       | 35.7                      | 101.7                        | 3 500*                       | 84.0                        |
| 86.0                        |                           |                              |                              | 26.8                      | 90.4                         | 2 400*                       | 30.3                      | 94.9                         | 3 100*                       | 33.4                      | 98.7                         | 3 400*                       | 86.0                        |
| 88.0                        |                           |                              |                              | 23.7                      | 86.0                         | 2 300*                       | 27.6                      | 91.2                         | 3 000*                       | 31.0                      | 95.4                         | 3 200*                       | 88.0                        |
| 90.0                        |                           |                              |                              | 20.2                      | 80.9                         | 2 200*                       | 24.6                      | 87.0                         | 2 800*                       | 28.3                      | 91.8                         | 2 900*                       | 90.0                        |
| 92.0                        |                           |                              |                              | 15.9                      | 74.5                         | 2 000*                       | 21.2                      | 82.1                         | 2 600*                       | 25.4                      | 87.7                         | 2 700*                       | 92.0                        |
| 94.0                        |                           |                              |                              |                           |                              |                              | 17.2                      | 76.1                         | 2 300*                       | 22.1                      | 83.0                         | 2 400*                       | 94.0                        |
| 96.0                        |                           |                              |                              |                           |                              |                              | 11.8                      | 68.0                         | 1 800*                       | 18.3                      | 77.4                         | 2 200*                       | 96.0                        |
| 98.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 13.4                      | 70.0                         | 2 000*                       | 98.0                        |

# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

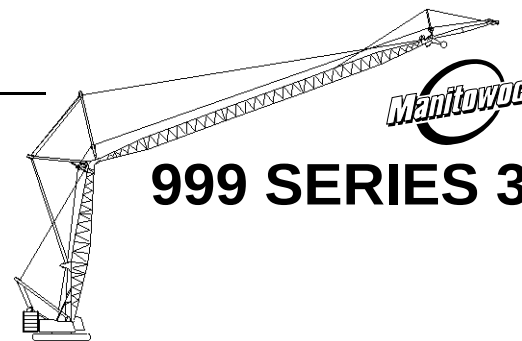
Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 999 SERIES 3

**54.9m (180 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib, 9.1m (30 Ft.) Fixed Jib**

| Fixed Jib<br>Oper.<br>Rad.<br>Meters | 88 Degree<br>Boom Angle            |                                          |                                    | 86 Degree<br>Boom Angle            |                                          |                                    | 83 Degree<br>Boom Angle            |                                          |                                    | 80 Degree<br>Boom Angle            |                                          |                                    | Fixed Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|--------------------------------------|
|                                      | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms |                                      |
| 21.3                                 | 74.4                               | 116.6                                    | 13 700*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 21.3                                 |
| 22.0                                 | 73.8                               | 116.4                                    | 13 600*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 22.0                                 |
| 24.0                                 | 71.9                               | 115.8                                    | 13 400*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 24.0                                 |
| 26.0                                 | 69.9                               | 115.1                                    | 13 100*                            | 71.8                               | 115.6                                    | 15 900*                            |                                    |                                          |                                    |                                    |                                          |                                    | 26.0                                 |
| 28.0                                 | 67.9                               | 114.3                                    | 12 700*                            | 69.8                               | 114.9                                    | 15 500*                            |                                    |                                          |                                    |                                    |                                          |                                    | 28.0                                 |
| 30.0                                 | 65.9                               | 113.4                                    | 12 200*                            | 67.8                               | 114.1                                    | 14 600*                            |                                    |                                          |                                    |                                    |                                          |                                    | 30.0                                 |
| 32.0                                 | 63.8                               | 112.4                                    | 11 500*                            | 65.8                               | 113.2                                    | 13 800*                            | 68.7                               | 114.2                                    | 15 700*                            |                                    |                                          |                                    | 32.0                                 |
| 34.0                                 | 61.7                               | 111.4                                    | 10 700*                            | 63.7                               | 112.3                                    | 13 000*                            | 66.6                               | 113.3                                    | 15 400*                            |                                    |                                          |                                    | 34.0                                 |
| 36.0                                 | 59.6                               | 110.2                                    | 10 000*                            | 61.6                               | 111.2                                    | 12 100*                            | 64.6                               | 112.4                                    | 15 100*                            |                                    |                                          |                                    | 36.0                                 |
| 38.0                                 | 57.4                               | 109.0                                    | 9 300*                             | 59.5                               | 110.1                                    | 11 300*                            | 62.5                               | 111.4                                    | 14 400*                            | 65.5                               | 112.3                                    | 15 200*                            | 38.0                                 |
| 40.0                                 | 55.1                               | 107.6                                    | 8 700*                             | 57.3                               | 108.8                                    | 10 600*                            | 60.4                               | 110.3                                    | 13 600*                            | 63.4                               | 111.3                                    | 15 100                             | 40.0                                 |
| 42.0                                 | 52.8                               | 106.1                                    | 8 000*                             | 55.0                               | 107.4                                    | 9 900*                             | 58.2                               | 109.0                                    | 12 800*                            | 61.3                               | 110.3                                    | 14 500                             | 42.0                                 |
| 44.0                                 | 50.4                               | 104.5                                    | 7 500*                             | 52.7                               | 105.9                                    | 9 200*                             | 56.0                               | 107.7                                    | 12 000*                            | 59.1                               | 109.1                                    | 13 500                             | 44.0                                 |
| 46.0                                 | 48.0                               | 102.7                                    | 7 000*                             | 50.3                               | 104.3                                    | 8 600*                             | 53.7                               | 106.3                                    | 11 300*                            | 56.9                               | 107.8                                    | 12 600                             | 46.0                                 |
| 48.0                                 | 45.4                               | 100.8                                    | 6 500*                             | 47.8                               | 102.5                                    | 8 000*                             | 51.4                               | 104.7                                    | 10 500*                            | 54.7                               | 106.4                                    | 11 800                             | 48.0                                 |
| 50.0                                 | 42.7                               | 98.7                                     | 6 000*                             | 45.3                               | 100.6                                    | 7 400*                             | 48.9                               | 103.0                                    | 9 800*                             | 52.3                               | 104.9                                    | 11 100                             | 50.0                                 |
| 52.0                                 | 39.8                               | 96.4                                     | 5 600*                             | 42.6                               | 98.5                                     | 6 900*                             | 46.4                               | 101.1                                    | 9 200*                             | 49.9                               | 103.3                                    | 10 500                             | 52.0                                 |
| 54.0                                 | 36.8                               | 93.8                                     | 5 300*                             | 39.7                               | 96.1                                     | 6 500*                             | 43.7                               | 99.1                                     | 8 500*                             | 47.5                               | 101.5                                    | 9 800                              | 54.0                                 |
| 56.0                                 | 33.5                               | 90.9                                     | 5 000*                             | 36.7                               | 93.5                                     | 6 000*                             | 40.9                               | 96.9                                     | 8 000*                             | 44.9                               | 99.5                                     | 9 300                              | 56.0                                 |
| 58.0                                 | 29.9                               | 87.6                                     | 4 700*                             | 33.4                               | 90.6                                     | 5 600*                             | 38.0                               | 94.4                                     | 7 500*                             | 42.1                               | 97.4                                     | 8 700                              | 58.0                                 |
| 60.0                                 | 25.9                               | 83.7                                     | 4 500*                             | 29.8                               | 87.3                                     | 5 300*                             | 34.8                               | 91.6                                     | 6 900*                             | 39.2                               | 95.0                                     | 8 300                              | 60.0                                 |
| 62.0                                 | 21.1                               | 79.0                                     | 4 300*                             | 25.7                               | 83.4                                     | 5 000*                             | 31.4                               | 88.5                                     | 6 500*                             | 36.2                               | 92.3                                     | 7 800                              | 62.0                                 |
| 64.0                                 | 14.9                               | 72.6                                     | 4 200*                             | 20.9                               | 78.6                                     | 4 800*                             | 27.5                               | 84.8                                     | 6 100*                             | 32.8                               | 89.4                                     | 7 300                              | 64.0                                 |
| 66.0                                 |                                    |                                          |                                    | 14.6                               | 72.1                                     | 4 600*                             | 23.1                               | 80.5                                     | 5 800*                             | 29.2                               | 85.9                                     | 6 900                              | 66.0                                 |
| 68.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 17.6                               | 74.9                                     | 5 500*                             | 25.0                               | 81.9                                     | 6 500                              | 68.0                                 |
| 70.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 9.2                                | 66.0                                     | 5 300*                             | 20.1                               | 77.0                                     | 6 200                              | 70.0                                 |
| 72.0                                 |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 13.4                               | 70.0                                     | 5 800                              | 72.0                                 |



# Liftcrane Fixed Jib Capacities

**999 SERIES 3**

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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

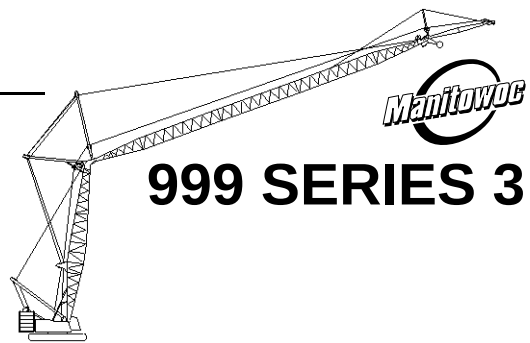
**54.9m (180 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib, 9.1m (30 Ft.) Fixed Jib**

| Fixed Jib Oper. Rad. Meters | 88 Degree Boom Angle      |                              |                              | 86 Degree Boom Angle      |                              |                              | 83 Degree Boom Angle      |                              |                              | 80 Degree Boom Angle      |                              |                              | Fixed Jib Oper. Rad. Meters |
|-----------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|-----------------------------|
|                             | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms |                             |
| 22.9                        | 73.8                      | 119.4                        | 12 600*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 22.9                        |
| 24.0                        | 72.7                      | 119.0                        | 12 500*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 24.0                        |
| 26.0                        | 70.9                      | 118.3                        | 12 300*                      | 72.7                      | 118.9                        | 14 600*                      |                           |                              |                              |                           |                              |                              | 26.0                        |
| 28.0                        | 69.0                      | 117.6                        | 12 000*                      | 70.8                      | 118.2                        | 14 400*                      |                           |                              |                              |                           |                              |                              | 28.0                        |
| 30.0                        | 67.1                      | 116.7                        | 11 600*                      | 68.9                      | 117.4                        | 13 900*                      |                           |                              |                              |                           |                              |                              | 30.0                        |
| 32.0                        | 65.1                      | 115.8                        | 11 100*                      | 67.0                      | 116.6                        | 13 200*                      | 69.7                      | 117.4                        | 14 400*                      |                           |                              |                              | 32.0                        |
| 34.0                        | 63.2                      | 114.8                        | 10 400*                      | 65.0                      | 115.7                        | 12 500*                      | 67.8                      | 116.6                        | 14 300*                      |                           |                              |                              | 34.0                        |
| 36.0                        | 61.1                      | 113.8                        | 9 700*                       | 63.1                      | 114.7                        | 11 700*                      | 65.9                      | 115.8                        | 14 200*                      |                           |                              |                              | 36.0                        |
| 38.0                        | 59.1                      | 112.6                        | 9 100*                       | 61.1                      | 113.6                        | 11 000*                      | 63.9                      | 114.8                        | 13 800*                      |                           |                              |                              | 38.0                        |
| 40.0                        | 57.0                      | 111.3                        | 8 500*                       | 59.0                      | 112.4                        | 10 300*                      | 61.9                      | 113.8                        | 13 100*                      | 64.7                      | 114.8                        | 14 000*                      | 40.0                        |
| 42.0                        | 54.8                      | 109.9                        | 7 900*                       | 56.9                      | 111.1                        | 9 700*                       | 59.9                      | 112.6                        | 12 400*                      | 62.8                      | 113.7                        | 13 900                       | 42.0                        |
| 44.0                        | 52.6                      | 108.4                        | 7 400*                       | 54.7                      | 109.7                        | 9 000*                       | 57.8                      | 111.4                        | 11 700*                      | 60.7                      | 112.6                        | 13 300                       | 44.0                        |
| 46.0                        | 50.4                      | 106.8                        | 6 900*                       | 52.5                      | 108.2                        | 8 400*                       | 55.7                      | 110.0                        | 11 000*                      | 58.7                      | 111.4                        | 12 400                       | 46.0                        |
| 48.0                        | 48.0                      | 105.0                        | 6 400*                       | 50.3                      | 106.6                        | 7 900*                       | 53.5                      | 108.6                        | 10 400*                      | 56.6                      | 110.1                        | 11 600                       | 48.0                        |
| 50.0                        | 45.6                      | 103.1                        | 6 000*                       | 47.9                      | 104.8                        | 7 400*                       | 51.2                      | 107.0                        | 9 700*                       | 54.4                      | 108.7                        | 10 800                       | 50.0                        |
| 52.0                        | 43.0                      | 101.0                        | 5 600*                       | 45.4                      | 102.9                        | 6 900*                       | 48.9                      | 105.3                        | 9 100*                       | 52.2                      | 107.2                        | 10 200                       | 52.0                        |
| 54.0                        | 40.3                      | 98.7                         | 5 200*                       | 42.9                      | 100.8                        | 6 400*                       | 46.5                      | 103.4                        | 8 500*                       | 49.9                      | 105.6                        | 9 600                        | 54.0                        |
| 56.0                        | 37.5                      | 96.2                         | 4 900*                       | 40.2                      | 98.5                         | 6 000*                       | 44.0                      | 101.4                        | 8 000*                       | 47.5                      | 103.8                        | 9 000                        | 56.0                        |
| 58.0                        | 34.4                      | 93.4                         | 4 600*                       | 37.3                      | 96.0                         | 5 600*                       | 41.4                      | 99.2                         | 7 500*                       | 45.1                      | 101.8                        | 8 500                        | 58.0                        |
| 60.0                        | 31.1                      | 90.2                         | 4 400*                       | 34.3                      | 93.1                         | 5 300*                       | 38.6                      | 96.8                         | 7 000*                       | 42.5                      | 99.7                         | 8 000                        | 60.0                        |
| 62.0                        | 27.4                      | 86.5                         | 4 200*                       | 30.9                      | 89.9                         | 5 000*                       | 35.6                      | 94.1                         | 6 500*                       | 39.8                      | 97.4                         | 7 500                        | 62.0                        |
| 64.0                        | 23.2                      | 82.2                         | 4 000*                       | 27.2                      | 86.2                         | 4 700*                       | 32.4                      | 91.0                         | 6 100*                       | 36.9                      | 94.8                         | 7 100                        | 64.0                        |
| 66.0                        | 18.0                      | 76.7                         | 3 900*                       | 23.0                      | 81.8                         | 4 500*                       | 28.9                      | 87.6                         | 5 800*                       | 33.8                      | 91.9                         | 6 700                        | 66.0                        |
| 68.0                        | 10.5                      | 68.5                         | 3 800*                       | 17.7                      | 76.3                         | 4 300*                       | 24.9                      | 83.5                         | 5 400*                       | 30.4                      | 88.6                         | 6 300                        | 68.0                        |
| 70.0                        |                           |                              |                              | 10.0                      | 67.8                         | 4 300*                       | 20.1                      | 78.5                         | 5 200*                       | 26.6                      | 84.8                         | 5 900*                       | 70.0                        |
| 72.0                        |                           |                              |                              |                           |                              |                              | 13.9                      | 71.8                         | 5 000*                       | 22.2                      | 80.3                         | 5 600*                       | 72.0                        |
| 74.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 16.8                      | 74.5                         | 5 200*                       | 74.0                        |
| 76.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 8.2                       | 65.0                         | 4 800*                       | 76.0                        |

# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

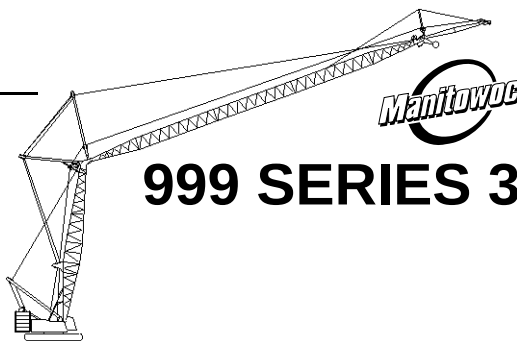
Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



**999 SERIES 3**

**54.9m (180 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib, 9.1m (30 Ft.) Fixed Jib**

| Fixed Jib<br>Oper.<br>Rad.<br>Meters | 88 Degree<br>Boom Angle            |                                          |                                    | 86 Degree<br>Boom Angle            |                                          |                                    | 83 Degree<br>Boom Angle            |                                          |                                    | 80 Degree<br>Boom Angle            |                                          |                                    | Fixed Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|--------------------------------------|
|                                      | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms |                                      |
| 22.9                                 | 74.5                               | 122.5                                    | 11 700*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 22.9                                 |
| 24.0                                 | 73.5                               | 122.2                                    | 11 700*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 24.0                                 |
| 26.0                                 | 71.8                               | 121.6                                    | 11 500*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 26.0                                 |
| 28.0                                 | 70.0                               | 120.8                                    | 11 300*                            | 71.7                               | 121.4                                    | 13 700*                            |                                    |                                          |                                    |                                    |                                          |                                    | 28.0                                 |
| 30.0                                 | 68.2                               | 120.1                                    | 11 000*                            | 69.9                               | 120.7                                    | 13 300*                            |                                    |                                          |                                    |                                    |                                          |                                    | 30.0                                 |
| 32.0                                 | 66.3                               | 119.2                                    | 10 700*                            | 68.1                               | 119.9                                    | 12 600*                            |                                    |                                          |                                    |                                    |                                          |                                    | 32.0                                 |
| 34.0                                 | 64.5                               | 118.3                                    | 10 000*                            | 66.2                               | 119.0                                    | 12 000*                            | 68.9                               | 119.9                                    | 13 300*                            |                                    |                                          |                                    | 34.0                                 |
| 36.0                                 | 62.6                               | 117.2                                    | 9 400*                             | 64.4                               | 118.1                                    | 11 300*                            | 67.0                               | 119.1                                    | 13 200*                            |                                    |                                          |                                    | 36.0                                 |
| 38.0                                 | 60.6                               | 116.1                                    | 8 800*                             | 62.5                               | 117.1                                    | 10 700*                            | 65.2                               | 118.2                                    | 13 100*                            |                                    |                                          |                                    | 38.0                                 |
| 40.0                                 | 58.7                               | 114.9                                    | 8 300*                             | 60.5                               | 116.0                                    | 10 000*                            | 63.3                               | 117.2                                    | 12 600*                            | 65.9                               | 118.1                                    | 13 000*                            | 40.0                                 |
| 42.0                                 | 56.7                               | 113.6                                    | 7 700*                             | 58.6                               | 114.8                                    | 9 400*                             | 61.4                               | 116.1                                    | 12 000*                            | 64.1                               | 117.2                                    | 12 900*                            | 42.0                                 |
| 44.0                                 | 54.6                               | 112.2                                    | 7 200*                             | 56.6                               | 113.5                                    | 8 900*                             | 59.4                               | 115.0                                    | 11 400*                            | 62.2                               | 116.1                                    | 12 900*                            | 44.0                                 |
| 46.0                                 | 52.5                               | 110.7                                    | 6 700*                             | 54.5                               | 112.1                                    | 8 300*                             | 57.4                               | 113.7                                    | 10 800*                            | 60.2                               | 115.0                                    | 12 300                             | 46.0                                 |
| 48.0                                 | 50.3                               | 109.1                                    | 6 300*                             | 52.4                               | 110.5                                    | 7 800*                             | 55.4                               | 112.4                                    | 10 200*                            | 58.3                               | 113.8                                    | 11 500                             | 48.0                                 |
| 50.0                                 | 48.1                               | 107.3                                    | 5 900*                             | 50.2                               | 108.9                                    | 7 300*                             | 53.3                               | 110.9                                    | 9 600*                             | 56.2                               | 112.5                                    | 10 800                             | 50.0                                 |
| 52.0                                 | 45.7                               | 105.4                                    | 5 500*                             | 47.9                               | 107.1                                    | 6 800*                             | 51.1                               | 109.3                                    | 9 000*                             | 54.2                               | 111.1                                    | 10 100                             | 52.0                                 |
| 54.0                                 | 43.3                               | 103.4                                    | 5 200*                             | 45.6                               | 105.2                                    | 6 400*                             | 48.9                               | 107.6                                    | 8 400*                             | 52.0                               | 109.5                                    | 9 500                              | 54.0                                 |
| 56.0                                 | 40.7                               | 101.1                                    | 4 900*                             | 43.2                               | 103.1                                    | 6 000*                             | 46.6                               | 105.7                                    | 7 900*                             | 49.9                               | 107.9                                    | 8 900                              | 56.0                                 |
| 58.0                                 | 38.0                               | 98.6                                     | 4 600*                             | 40.6                               | 100.9                                    | 5 600*                             | 44.2                               | 103.7                                    | 7 500*                             | 47.6                               | 106.1                                    | 8 400                              | 58.0                                 |
| 60.0                                 | 35.2                               | 95.9                                     | 4 300*                             | 37.9                               | 98.4                                     | 5 300*                             | 41.7                               | 101.5                                    | 7 000*                             | 45.2                               | 104.1                                    | 7 900                              | 60.0                                 |
| 62.0                                 | 32.1                               | 92.8                                     | 4 100*                             | 35.0                               | 95.6                                     | 5 000*                             | 39.1                               | 99.1                                     | 6 600*                             | 42.8                               | 102.0                                    | 7 400                              | 62.0                                 |
| 64.0                                 | 28.7                               | 89.3                                     | 3 900*                             | 31.9                               | 92.5                                     | 4 700*                             | 36.3                               | 96.5                                     | 6 200*                             | 40.2                               | 99.7                                     | 7 000                              | 64.0                                 |
| 66.0                                 | 24.9                               | 85.2                                     | 3 700*                             | 28.5                               | 89.0                                     | 4 400*                             | 33.3                               | 93.6                                     | 5 800*                             | 37.5                               | 97.2                                     | 6 600                              | 66.0                                 |
| 68.0                                 | 20.4                               | 80.3                                     | 3 600*                             | 24.7                               | 84.9                                     | 4 200*                             | 30.0                               | 90.3                                     | 5 500*                             | 34.6                               | 94.4                                     | 6 200*                             | 68.0                                 |
| 70.0                                 | 14.6                               | 73.7                                     | 3 500*                             | 20.1                               | 79.9                                     | 4 100*                             | 26.4                               | 86.4                                     | 5 200*                             | 31.4                               | 91.2                                     | 5 800*                             | 70.0                                 |
| 72.0                                 |                                    |                                          |                                    | 14.2                               | 73.2                                     | 4 000*                             | 22.2                               | 81.9                                     | 4 900*                             | 28.0                               | 87.6                                     | 5 400*                             | 72.0                                 |
| 74.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 17.0                               | 76.1                                     | 4 700*                             | 24.0                               | 83.4                                     | 5 000*                             | 74.0                                 |
| 76.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 9.3                                | 67.1                                     | 4 500*                             | 19.4                               | 78.3                                     | 4 700*                             | 76.0                                 |
| 78.0                                 |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 13.1                               | 71.1                                     | 4 300*                             | 78.0                                 |



# Liftcrane Fixed Jib Capacities

**999 SERIES 3**

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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

**54.9m (180 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib, 9.1m (30 Ft.) Fixed Jib**

| Fixed Jib<br>Oper.<br>Rad.<br>Meters | 88 Degree<br>Boom Angle            |                                          |                                    | 86 Degree<br>Boom Angle            |                                          |                                    | 83 Degree<br>Boom Angle            |                                          |                                    | 80 Degree<br>Boom Angle            |                                          |                                    | Fixed Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|--------------------------------------|
|                                      | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms |                                      |
| 24.4                                 | 73.9                               | 125.3                                    | 10 800*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 24.4                                 |
| 26.0                                 | 72.6                               | 124.8                                    | 10 700*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 26.0                                 |
| 28.0                                 | 70.9                               | 124.1                                    | 10 500*                            | 72.5                               | 124.6                                    | 12 600*                            |                                    |                                          |                                    |                                    |                                          |                                    | 28.0                                 |
| 30.0                                 | 69.1                               | 123.3                                    | 10 300*                            | 70.8                               | 123.9                                    | 12 300*                            |                                    |                                          |                                    |                                    |                                          |                                    | 30.0                                 |
| 32.0                                 | 67.4                               | 122.5                                    | 10 100*                            | 69.1                               | 123.2                                    | 12 000*                            |                                    |                                          |                                    |                                    |                                          |                                    | 32.0                                 |
| 34.0                                 | 65.6                               | 121.6                                    | 9 700*                             | 67.3                               | 122.4                                    | 11 400*                            |                                    |                                          |                                    |                                    |                                          |                                    | 34.0                                 |
| 36.0                                 | 63.8                               | 120.7                                    | 9 100*                             | 65.6                               | 121.5                                    | 10 800*                            | 68.1                               | 122.4                                    | 12 200*                            |                                    |                                          |                                    | 36.0                                 |
| 38.0                                 | 62.0                               | 119.6                                    | 8 500*                             | 63.8                               | 120.5                                    | 10 300*                            | 66.3                               | 121.5                                    | 12 200*                            |                                    |                                          |                                    | 38.0                                 |
| 40.0                                 | 60.2                               | 118.5                                    | 8 000*                             | 61.9                               | 119.4                                    | 9 700*                             | 64.5                               | 120.6                                    | 12 000*                            |                                    |                                          |                                    | 40.0                                 |
| 42.0                                 | 58.3                               | 117.3                                    | 7 500*                             | 60.1                               | 118.3                                    | 9 200*                             | 62.7                               | 119.6                                    | 11 500*                            | 65.3                               | 120.6                                    | 11 900*                            | 42.0                                 |
| 44.0                                 | 56.3                               | 116.0                                    | 7 000*                             | 58.2                               | 117.1                                    | 8 600*                             | 60.9                               | 118.5                                    | 11 000*                            | 63.5                               | 119.6                                    | 11 900*                            | 44.0                                 |
| 46.0                                 | 54.4                               | 114.6                                    | 6 600*                             | 56.2                               | 115.8                                    | 8 100*                             | 59.0                               | 117.3                                    | 10 400*                            | 61.6                               | 118.5                                    | 11 800                             | 46.0                                 |
| 48.0                                 | 52.3                               | 113.0                                    | 6 200*                             | 54.3                               | 114.4                                    | 7 600*                             | 57.1                               | 116.0                                    | 9 900*                             | 59.8                               | 117.4                                    | 11 300                             | 48.0                                 |
| 50.0                                 | 50.2                               | 111.4                                    | 5 800*                             | 52.2                               | 112.8                                    | 7 100*                             | 55.1                               | 114.7                                    | 9 300*                             | 57.9                               | 116.1                                    | 10 500                             | 50.0                                 |
| 52.0                                 | 48.1                               | 109.6                                    | 5 500*                             | 50.1                               | 111.2                                    | 6 700*                             | 53.1                               | 113.2                                    | 8 800*                             | 55.9                               | 114.8                                    | 9 900                              | 52.0                                 |
| 54.0                                 | 45.9                               | 107.7                                    | 5 100*                             | 48.0                               | 109.4                                    | 6 300*                             | 51.1                               | 111.6                                    | 8 300*                             | 54.0                               | 113.4                                    | 9 200                              | 54.0                                 |
| 56.0                                 | 43.5                               | 105.7                                    | 4 800*                             | 45.8                               | 107.5                                    | 5 900*                             | 48.9                               | 109.9                                    | 7 800*                             | 51.9                               | 111.8                                    | 8 700                              | 56.0                                 |
| 58.0                                 | 41.1                               | 103.4                                    | 4 500*                             | 43.4                               | 105.5                                    | 5 600*                             | 46.7                               | 108.0                                    | 7 400*                             | 49.8                               | 110.2                                    | 8 100                              | 58.0                                 |
| 60.0                                 | 38.6                               | 101.0                                    | 4 200*                             | 41.0                               | 103.2                                    | 5 300*                             | 44.4                               | 106.1                                    | 6 900*                             | 47.7                               | 108.4                                    | 7 700                              | 60.0                                 |
| 62.0                                 | 35.9                               | 98.3                                     | 4 000*                             | 38.5                               | 100.8                                    | 4 900*                             | 42.1                               | 103.9                                    | 6 500*                             | 45.4                               | 106.4                                    | 7 200                              | 62.0                                 |
| 64.0                                 | 33.0                               | 95.3                                     | 3 800*                             | 35.7                               | 98.1                                     | 4 600*                             | 39.6                               | 101.5                                    | 6 100*                             | 43.1                               | 104.4                                    | 6 800*                             | 64.0                                 |
| 66.0                                 | 29.8                               | 92.0                                     | 3 600*                             | 32.8                               | 95.1                                     | 4 400*                             | 36.9                               | 98.9                                     | 5 800*                             | 40.6                               | 102.1                                    | 6 300*                             | 66.0                                 |
| 68.0                                 | 26.3                               | 88.2                                     | 3 400*                             | 29.7                               | 91.7                                     | 4 200*                             | 34.1                               | 96.1                                     | 5 400*                             | 38.0                               | 99.6                                     | 5 900*                             | 68.0                                 |
| 70.0                                 | 22.3                               | 83.6                                     | 3 300*                             | 26.2                               | 87.8                                     | 4 000*                             | 31.1                               | 92.9                                     | 5 100*                             | 35.3                               | 96.9                                     | 5 500*                             | 70.0                                 |
| 72.0                                 | 17.4                               | 77.9                                     | 3 300*                             | 22.1                               | 83.3                                     | 3 800*                             | 27.7                               | 89.3                                     | 4 900*                             | 32.4                               | 93.8                                     | 5 100*                             | 72.0                                 |
| 74.0                                 |                                    |                                          |                                    | 17.2                               | 77.5                                     | 3 700*                             | 23.9                               | 85.0                                     | 4 700*                             | 29.2                               | 90.4                                     | 4 700*                             | 74.0                                 |
| 76.0                                 |                                    |                                          |                                    | 10.0                               | 68.9                                     | 3 600*                             | 19.5                               | 79.9                                     | 4 400*                             | 25.6                               | 86.4                                     | 4 400*                             | 76.0                                 |
| 78.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 13.6                               | 72.9                                     | 4 000*                             | 21.4                               | 81.7                                     | 4 100*                             | 78.0                                 |
| 80.0                                 |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 16.3                               | 75.7                                     | 3 800*                             | 80.0                                 |
| 82.0                                 |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 8.4                                | 66.1                                     | 3 400*                             | 82.0                                 |

# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

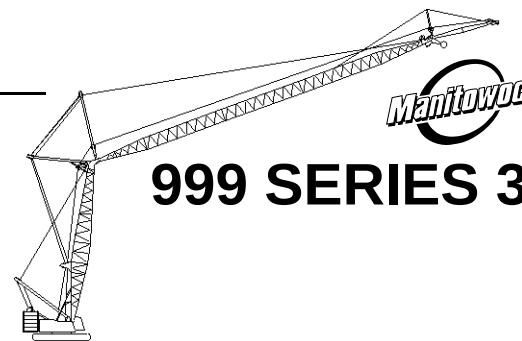
Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 999 SERIES 3

**54.9m (180 Ft.) Boom, 64.0m (210 Ft.) Luffing Jib, 9.1m (30 Ft.) Fixed Jib**

| Fixed Jib<br>Oper.<br>Rad.<br>Meters | 88 Degree<br>Boom Angle            |                                          |                                    | 86 Degree<br>Boom Angle            |                                          |                                    | 83 Degree<br>Boom Angle            |                                          |                                    | 80 Degree<br>Boom Angle            |                                          |                                    | Fixed Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|--------------------------------------|
|                                      | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms |                                      |
| 24.4                                 | 74.6                               | 128.5                                    | 10 000*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 24.4                                 |
| 26.0                                 | 73.3                               | 128.0                                    | 10 000*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 26.0                                 |
| 28.0                                 | 71.7                               | 127.3                                    | 9 800*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 28.0                                 |
| 30.0                                 | 70.0                               | 126.6                                    | 9 700*                             | 71.6                               | 127.2                                    | 11 500*                            |                                    |                                          |                                    |                                    |                                          |                                    | 30.0                                 |
| 32.0                                 | 68.4                               | 125.8                                    | 9 500*                             | 70.0                               | 126.4                                    | 11 300*                            |                                    |                                          |                                    |                                    |                                          |                                    | 32.0                                 |
| 34.0                                 | 66.7                               | 125.0                                    | 9 200*                             | 68.3                               | 125.7                                    | 10 900*                            |                                    |                                          |                                    |                                    |                                          |                                    | 34.0                                 |
| 36.0                                 | 65.0                               | 124.1                                    | 8 800*                             | 66.6                               | 124.8                                    | 10 400*                            | 69.0                               | 125.7                                    | 11 300*                            |                                    |                                          |                                    | 36.0                                 |
| 38.0                                 | 63.3                               | 123.1                                    | 8 200*                             | 64.9                               | 123.9                                    | 9 900*                             | 67.3                               | 124.9                                    | 11 200*                            |                                    |                                          |                                    | 38.0                                 |
| 40.0                                 | 61.5                               | 122.0                                    | 7 800*                             | 63.2                               | 122.9                                    | 9 400*                             | 65.7                               | 124.0                                    | 11 100*                            |                                    |                                          |                                    | 40.0                                 |
| 42.0                                 | 59.7                               | 120.8                                    | 7 300*                             | 61.4                               | 121.8                                    | 8 900*                             | 63.9                               | 123.0                                    | 11 000*                            |                                    |                                          |                                    | 42.0                                 |
| 44.0                                 | 57.9                               | 119.6                                    | 6 800*                             | 59.6                               | 120.7                                    | 8 400*                             | 62.2                               | 122.0                                    | 10 500*                            | 64.7                               | 123.0                                    | 10 900*                            | 44.0                                 |
| 46.0                                 | 56.0                               | 118.3                                    | 6 400*                             | 57.8                               | 119.4                                    | 7 900*                             | 60.4                               | 120.9                                    | 10 000*                            | 62.9                               | 122.0                                    | 10 900*                            | 46.0                                 |
| 48.0                                 | 54.1                               | 116.9                                    | 6 100*                             | 56.0                               | 118.1                                    | 7 500*                             | 58.6                               | 119.7                                    | 9 600*                             | 61.2                               | 120.9                                    | 10 800                             | 48.0                                 |
| 50.0                                 | 52.2                               | 115.3                                    | 5 700*                             | 54.1                               | 116.7                                    | 7 000*                             | 56.8                               | 118.4                                    | 9 000*                             | 59.4                               | 119.7                                    | 10 400                             | 50.0                                 |
| 52.0                                 | 50.2                               | 113.7                                    | 5 300*                             | 52.1                               | 115.1                                    | 6 600*                             | 54.9                               | 117.0                                    | 8 600*                             | 57.5                               | 118.5                                    | 9 600                              | 52.0                                 |
| 54.0                                 | 48.1                               | 111.9                                    | 5 000*                             | 50.1                               | 113.5                                    | 6 200*                             | 52.9                               | 115.5                                    | 8 100*                             | 55.7                               | 117.1                                    | 9 100                              | 54.0                                 |
| 56.0                                 | 46.0                               | 110.0                                    | 4 700*                             | 48.0                               | 111.7                                    | 5 800*                             | 51.0                               | 113.9                                    | 7 700*                             | 53.8                               | 115.7                                    | 8 500                              | 56.0                                 |
| 58.0                                 | 43.8                               | 108.0                                    | 4 400*                             | 45.9                               | 109.8                                    | 5 500*                             | 48.9                               | 112.2                                    | 7 200*                             | 51.8                               | 114.1                                    | 8 000                              | 58.0                                 |
| 60.0                                 | 41.5                               | 105.8                                    | 4 200*                             | 43.7                               | 107.8                                    | 5 200*                             | 46.8                               | 110.4                                    | 6 800*                             | 49.8                               | 112.5                                    | 7 500*                             | 60.0                                 |
| 62.0                                 | 39.0                               | 103.4                                    | 4 000*                             | 41.4                               | 105.6                                    | 4 900*                             | 44.6                               | 108.4                                    | 6 500*                             | 47.7                               | 110.7                                    | 7 000*                             | 62.0                                 |
| 64.0                                 | 36.5                               | 100.8                                    | 3 700*                             | 38.9                               | 103.1                                    | 4 600*                             | 42.4                               | 106.2                                    | 6 100*                             | 45.6                               | 108.8                                    | 6 500*                             | 64.0                                 |
| 66.0                                 | 33.8                               | 97.9                                     | 3 500*                             | 36.4                               | 100.5                                    | 4 400*                             | 40.0                               | 103.9                                    | 5 800*                             | 43.3                               | 106.7                                    | 6 100*                             | 66.0                                 |
| 68.0                                 | 30.8                               | 94.6                                     | 3 400*                             | 33.6                               | 97.6                                     | 4 100*                             | 37.5                               | 101.4                                    | 5 400*                             | 41.0                               | 104.4                                    | 5 600*                             | 68.0                                 |
| 70.0                                 | 27.6                               | 91.0                                     | 3 200*                             | 30.7                               | 94.4                                     | 3 900*                             | 34.8                               | 98.6                                     | 5 100*                             | 38.6                               | 102.0                                    | 5 200*                             | 70.0                                 |
| 72.0                                 | 24.0                               | 86.7                                     | 3 100*                             | 27.4                               | 90.7                                     | 3 700*                             | 32.0                               | 95.5                                     | 4 800*                             | 36.0                               | 99.3                                     | 4 900*                             | 72.0                                 |
| 74.0                                 | 19.7                               | 81.6                                     | 3 000*                             | 23.8                               | 86.4                                     | 3 600*                             | 28.9                               | 92.0                                     | 4 500*                             | 33.2                               | 96.3                                     | 4 500*                             | 74.0                                 |
| 76.0                                 | 14.2                               | 74.8                                     | 3 000*                             | 19.5                               | 81.2                                     | 3 500*                             | 25.4                               | 88.0                                     | 4 200*                             | 30.2                               | 93.0                                     | 4 200*                             | 76.0                                 |
| 78.0                                 |                                    |                                          |                                    | 13.9                               | 74.4                                     | 3 300*                             | 21.4                               | 83.3                                     | 3 800*                             | 26.9                               | 89.3                                     | 3 900*                             | 78.0                                 |
| 80.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 16.5                               | 77.3                                     | 3 500*                             | 23.2                               | 84.9                                     | 3 500*                             | 80.0                                 |
| 82.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 9.4                                | 68.2                                     | 3 100*                             | 18.7                               | 79.5                                     | 3 200*                             | 82.0                                 |
| 84.0                                 |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 12.9                               | 72.2                                     | 3 000*                             | 84.0                                 |



# Liftcrane Fixed Jib Capacities

**999 SERIES 3**

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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

**54.9m (180 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib, 12.2m (40 Ft.) Fixed Jib**

| Fixed Jib<br>Oper.<br>Rad.<br>Meters | 88 Degree<br>Boom Angle            |                                          |                                    | 86 Degree<br>Boom Angle            |                                          |                                    | 83 Degree<br>Boom Angle            |                                          |                                    | 80 Degree<br>Boom Angle            |                                          |                                    | Fixed Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|--------------------------------------|
|                                      | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms |                                      |
| 22.9                                 | 74.2                               | 119.3                                    | 12 200*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 22.9                                 |
| 24.0                                 | 73.2                               | 119.0                                    | 12 100*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 24.0                                 |
| 26.0                                 | 71.3                               | 118.3                                    | 11 900*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 26.0                                 |
| 28.0                                 | 69.4                               | 117.5                                    | 11 700*                            | 71.2                               | 118.1                                    | 14 300*                            |                                    |                                          |                                    |                                    |                                          |                                    | 28.0                                 |
| 30.0                                 | 67.5                               | 116.7                                    | 11 300*                            | 69.3                               | 117.4                                    | 13 700*                            |                                    |                                          |                                    |                                    |                                          |                                    | 30.0                                 |
| 32.0                                 | 65.6                               | 115.8                                    | 11 000*                            | 67.4                               | 116.6                                    | 13 000*                            |                                    |                                          |                                    |                                    |                                          |                                    | 32.0                                 |
| 34.0                                 | 63.6                               | 114.8                                    | 10 300*                            | 65.5                               | 115.6                                    | 12 300*                            | 68.2                               | 116.6                                    | 13 900*                            |                                    |                                          |                                    | 34.0                                 |
| 36.0                                 | 61.6                               | 113.7                                    | 9 600*                             | 63.5                               | 114.6                                    | 11 600*                            | 66.3                               | 115.7                                    | 13 800*                            |                                    |                                          |                                    | 36.0                                 |
| 38.0                                 | 59.5                               | 112.5                                    | 8 900*                             | 61.5                               | 113.6                                    | 10 900*                            | 64.3                               | 114.8                                    | 13 600*                            |                                    |                                          |                                    | 38.0                                 |
| 40.0                                 | 57.4                               | 111.3                                    | 8 300*                             | 59.4                               | 112.4                                    | 10 200*                            | 62.4                               | 113.7                                    | 12 900*                            | 65.2                               | 114.7                                    | 13 600*                            | 40.0                                 |
| 42.0                                 | 55.3                               | 109.9                                    | 7 700*                             | 57.3                               | 111.1                                    | 9 500*                             | 60.3                               | 112.6                                    | 12 300*                            | 63.2                               | 113.7                                    | 13 600*                            | 42.0                                 |
| 44.0                                 | 53.1                               | 108.4                                    | 7 200*                             | 55.2                               | 109.7                                    | 8 900*                             | 58.2                               | 111.3                                    | 11 500*                            | 61.2                               | 112.6                                    | 13 500                             | 44.0                                 |
| 46.0                                 | 50.8                               | 106.8                                    | 6 700*                             | 53.0                               | 108.2                                    | 8 300*                             | 56.1                               | 110.0                                    | 10 800*                            | 59.1                               | 111.4                                    | 12 700                             | 46.0                                 |
| 48.0                                 | 48.4                               | 105.0                                    | 6 200*                             | 50.7                               | 106.6                                    | 7 700*                             | 53.9                               | 108.5                                    | 10 200*                            | 57.0                               | 110.1                                    | 11 900                             | 48.0                                 |
| 50.0                                 | 46.0                               | 103.1                                    | 5 800*                             | 48.3                               | 104.8                                    | 7 100*                             | 51.7                               | 107.0                                    | 9 500*                             | 54.8                               | 108.7                                    | 11 200                             | 50.0                                 |
| 52.0                                 | 43.4                               | 101.0                                    | 5 400*                             | 45.9                               | 102.9                                    | 6 700*                             | 49.3                               | 105.3                                    | 8 900*                             | 52.6                               | 107.2                                    | 10 500                             | 52.0                                 |
| 54.0                                 | 40.7                               | 98.7                                     | 5 000*                             | 43.3                               | 100.8                                    | 6 200*                             | 46.9                               | 103.4                                    | 8 300*                             | 50.3                               | 105.5                                    | 9 900                              | 54.0                                 |
| 56.0                                 | 37.9                               | 96.1                                     | 4 700*                             | 40.6                               | 98.5                                     | 5 800*                             | 44.4                               | 101.4                                    | 7 700*                             | 48.0                               | 103.7                                    | 9 300                              | 56.0                                 |
| 58.0                                 | 34.8                               | 93.3                                     | 4 400*                             | 37.7                               | 95.9                                     | 5 400*                             | 41.8                               | 99.2                                     | 7 200*                             | 45.5                               | 101.8                                    | 8 800                              | 58.0                                 |
| 60.0                                 | 31.5                               | 90.1                                     | 4 100*                             | 34.7                               | 93.1                                     | 5 100*                             | 39.0                               | 96.7                                     | 6 700*                             | 42.9                               | 99.6                                     | 8 300                              | 60.0                                 |
| 62.0                                 | 27.8                               | 86.5                                     | 3 900*                             | 31.3                               | 89.9                                     | 4 700*                             | 36.0                               | 94.0                                     | 6 300*                             | 40.2                               | 97.3                                     | 7 800                              | 62.0                                 |
| 64.0                                 | 23.5                               | 82.1                                     | 3 800*                             | 27.6                               | 86.2                                     | 4 400*                             | 32.8                               | 91.0                                     | 5 800*                             | 37.3                               | 94.7                                     | 7 400                              | 64.0                                 |
| 66.0                                 | 18.4                               | 76.6                                     | 3 600*                             | 23.3                               | 81.8                                     | 4 200*                             | 29.3                               | 87.5                                     | 5 500*                             | 34.2                               | 91.8                                     | 7 000                              | 66.0                                 |
| 68.0                                 | 10.8                               | 68.3                                     | 3 500*                             | 18.1                               | 76.2                                     | 4 000*                             | 25.3                               | 83.4                                     | 5 200*                             | 30.8                               | 88.6                                     | 6 600                              | 68.0                                 |
| 70.0                                 |                                    |                                          |                                    | 10.3                               | 67.6                                     | 3 900*                             | 20.5                               | 78.5                                     | 4 900*                             | 27.0                               | 84.8                                     | 6 200                              | 70.0                                 |
| 72.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 14.2                               | 71.6                                     | 4 600*                             | 22.6                               | 80.2                                     | 5 900                              | 72.0                                 |
| 74.0                                 |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 17.1                               | 74.4                                     | 5 500*                             | 74.0                                 |
| 76.0                                 |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 8.4                                | 64.7                                     | 5 200*                             | 76.0                                 |

# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

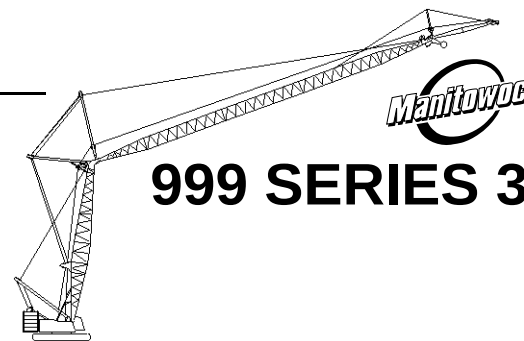
Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 999 SERIES 3

### 54.9m (180 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib, 12.2m (40 Ft.) Fixed Jib

| Fixed Jib<br>Oper.<br>Rad.<br>Meters | 88 Degree<br>Boom Angle            |                                          |                                    | 86 Degree<br>Boom Angle            |                                          |                                    | 83 Degree<br>Boom Angle            |                                          |                                    | 80 Degree<br>Boom Angle            |                                          |                                    | Fixed Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|--------------------------------------|
|                                      | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms |                                      |
| 22.9                                 | 75.0                               | 122.5                                    | 11 400*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 22.9                                 |
| 24.0                                 | 74.0                               | 122.2                                    | 11 400*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 24.0                                 |
| 26.0                                 | 72.2                               | 121.5                                    | 11 100*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 26.0                                 |
| 28.0                                 | 70.4                               | 120.8                                    | 10 900*                            | 72.1                               | 121.4                                    | 13 300*                            |                                    |                                          |                                    |                                    |                                          |                                    | 28.0                                 |
| 30.0                                 | 68.6                               | 120.0                                    | 10 700*                            | 70.3                               | 120.7                                    | 12 900*                            |                                    |                                          |                                    |                                    |                                          |                                    | 30.0                                 |
| 32.0                                 | 66.7                               | 119.2                                    | 10 400*                            | 68.5                               | 119.9                                    | 12 400*                            |                                    |                                          |                                    |                                    |                                          |                                    | 32.0                                 |
| 34.0                                 | 64.9                               | 118.2                                    | 9 900*                             | 66.7                               | 119.0                                    | 11 800*                            | 69.3                               | 119.9                                    | 12 900*                            |                                    |                                          |                                    | 34.0                                 |
| 36.0                                 | 63.0                               | 117.2                                    | 9 300*                             | 64.8                               | 118.1                                    | 11 200*                            | 67.4                               | 119.1                                    | 12 800*                            |                                    |                                          |                                    | 36.0                                 |
| 38.0                                 | 61.0                               | 116.1                                    | 8 700*                             | 62.9                               | 117.0                                    | 10 500*                            | 65.6                               | 118.2                                    | 12 700*                            |                                    |                                          |                                    | 38.0                                 |
| 40.0                                 | 59.1                               | 114.9                                    | 8 100*                             | 61.0                               | 115.9                                    | 9 900*                             | 63.7                               | 117.2                                    | 12 500*                            | 66.4                               | 118.1                                    | 12 600*                            | 40.0                                 |
| 42.0                                 | 57.1                               | 113.6                                    | 7 600*                             | 59.0                               | 114.7                                    | 9 300*                             | 61.8                               | 116.1                                    | 11 800*                            | 64.5                               | 117.1                                    | 12 600*                            | 42.0                                 |
| 44.0                                 | 55.0                               | 112.2                                    | 7 100*                             | 57.0                               | 113.4                                    | 8 700*                             | 59.8                               | 114.9                                    | 11 200*                            | 62.6                               | 116.1                                    | 12 600*                            | 44.0                                 |
| 46.0                                 | 52.9                               | 110.7                                    | 6 600*                             | 54.9                               | 112.0                                    | 8 100*                             | 57.8                               | 113.7                                    | 10 600*                            | 60.7                               | 115.0                                    | 12 400                             | 46.0                                 |
| 48.0                                 | 50.7                               | 109.1                                    | 6 200*                             | 52.8                               | 110.5                                    | 7 600*                             | 55.8                               | 112.3                                    | 10 000*                            | 58.7                               | 113.7                                    | 11 600                             | 48.0                                 |
| 50.0                                 | 48.5                               | 107.3                                    | 5 800*                             | 50.6                               | 108.9                                    | 7 100*                             | 53.7                               | 110.8                                    | 9 400*                             | 56.7                               | 112.4                                    | 10 900                             | 50.0                                 |
| 52.0                                 | 46.1                               | 105.4                                    | 5 400*                             | 48.4                               | 107.1                                    | 6 600*                             | 51.6                               | 109.3                                    | 8 800*                             | 54.6                               | 111.0                                    | 10 300                             | 52.0                                 |
| 54.0                                 | 43.7                               | 103.3                                    | 5 000*                             | 46.0                               | 105.2                                    | 6 200*                             | 49.3                               | 107.6                                    | 8 300*                             | 52.5                               | 109.5                                    | 9 600                              | 54.0                                 |
| 56.0                                 | 41.1                               | 101.0                                    | 4 700*                             | 43.6                               | 103.1                                    | 5 800*                             | 47.0                               | 105.7                                    | 7 700*                             | 50.3                               | 107.8                                    | 9 100                              | 56.0                                 |
| 58.0                                 | 38.4                               | 98.6                                     | 4 400*                             | 41.0                               | 100.8                                    | 5 400*                             | 44.6                               | 103.7                                    | 7 200*                             | 48.0                               | 106.0                                    | 8 500                              | 58.0                                 |
| 60.0                                 | 35.6                               | 95.8                                     | 4 100*                             | 38.3                               | 98.3                                     | 5 100*                             | 42.1                               | 101.5                                    | 6 800*                             | 45.6                               | 104.1                                    | 8 100                              | 60.0                                 |
| 62.0                                 | 32.5                               | 92.7                                     | 3 900*                             | 35.4                               | 95.5                                     | 4 700*                             | 39.5                               | 99.1                                     | 6 300*                             | 43.2                               | 102.0                                    | 7 600                              | 62.0                                 |
| 64.0                                 | 29.1                               | 89.2                                     | 3 700*                             | 32.3                               | 92.5                                     | 4 400*                             | 36.7                               | 96.5                                     | 5 900*                             | 40.6                               | 99.7                                     | 7 200                              | 64.0                                 |
| 66.0                                 | 25.2                               | 85.2                                     | 3 500*                             | 28.9                               | 88.9                                     | 4 200*                             | 33.7                               | 93.5                                     | 5 500*                             | 37.9                               | 97.1                                     | 6 800                              | 66.0                                 |
| 68.0                                 | 20.7                               | 80.2                                     | 3 400*                             | 25.1                               | 84.8                                     | 4 000*                             | 30.4                               | 90.2                                     | 5 200*                             | 35.0                               | 94.3                                     | 6 400                              | 68.0                                 |
| 70.0                                 | 14.9                               | 73.6                                     | 3 300*                             | 20.5                               | 79.8                                     | 3 800*                             | 26.8                               | 86.4                                     | 4 900*                             | 31.8                               | 91.2                                     | 6 000*                             | 70.0                                 |
| 72.0                                 |                                    |                                          |                                    | 14.6                               | 73.1                                     | 3 700*                             | 22.6                               | 81.8                                     | 4 600*                             | 28.3                               | 87.6                                     | 5 600*                             | 72.0                                 |
| 74.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 17.4                               | 76.0                                     | 4 400*                             | 24.4                               | 83.4                                     | 5 200*                             | 74.0                                 |
| 76.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 9.5                                | 66.9                                     | 4 300*                             | 19.7                               | 78.2                                     | 4 900*                             | 76.0                                 |
| 78.0                                 |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 13.4                               | 71.0                                     | 4 600*                             | 78.0                                 |



# Liftcrane Fixed Jib Capacities

**999 SERIES 3**

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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

**54.9m (180 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib, 12.2m (40 Ft.) Fixed Jib**

| Fixed Jib<br>Oper.<br>Rad.<br>Meters | 88 Degree<br>Boom Angle            |                                          |                                    | 86 Degree<br>Boom Angle            |                                          |                                    | 83 Degree<br>Boom Angle            |                                          |                                    | 80 Degree<br>Boom Angle            |                                          |                                    | Fixed Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|--------------------------------------|
|                                      | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms |                                      |
| 24.4                                 | 74.3                               | 125.2                                    | 10 700*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 24.4                                 |
| 26.0                                 | 73.0                               | 124.7                                    | 10 400*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 26.0                                 |
| 28.0                                 | 71.3                               | 124.1                                    | 10 200*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 28.0                                 |
| 30.0                                 | 69.5                               | 123.3                                    | 10 100*                            | 71.2                               | 123.9                                    | 12 200*                            |                                    |                                          |                                    |                                    |                                          |                                    | 30.0                                 |
| 32.0                                 | 67.8                               | 122.5                                    | 9 800*                             | 69.5                               | 123.2                                    | 11 900*                            |                                    |                                          |                                    |                                    |                                          |                                    | 32.0                                 |
| 34.0                                 | 66.0                               | 121.6                                    | 9 500*                             | 67.7                               | 122.3                                    | 11 300*                            |                                    |                                          |                                    |                                    |                                          |                                    | 34.0                                 |
| 36.0                                 | 64.2                               | 120.6                                    | 9 000*                             | 66.0                               | 121.4                                    | 10 700*                            | 68.5                               | 122.4                                    | 11 900*                            |                                    |                                          |                                    | 36.0                                 |
| 38.0                                 | 62.4                               | 119.6                                    | 8 500*                             | 64.2                               | 120.5                                    | 10 200*                            | 66.7                               | 121.5                                    | 11 900*                            |                                    |                                          |                                    | 38.0                                 |
| 40.0                                 | 60.6                               | 118.5                                    | 7 900*                             | 62.3                               | 119.4                                    | 9 600*                             | 64.9                               | 120.6                                    | 11 800*                            |                                    |                                          |                                    | 40.0                                 |
| 42.0                                 | 58.7                               | 117.2                                    | 7 400*                             | 60.5                               | 118.3                                    | 9 000*                             | 63.1                               | 119.6                                    | 11 400*                            | 65.7                               | 120.5                                    | 11 700*                            | 42.0                                 |
| 44.0                                 | 56.7                               | 115.9                                    | 6 900*                             | 58.6                               | 117.1                                    | 8 500*                             | 61.3                               | 118.5                                    | 10 800*                            | 63.9                               | 119.5                                    | 11 600*                            | 44.0                                 |
| 46.0                                 | 54.8                               | 114.5                                    | 6 500*                             | 56.6                               | 115.7                                    | 8 000*                             | 59.4                               | 117.3                                    | 10 300*                            | 62.0                               | 118.5                                    | 11 600*                            | 46.0                                 |
| 48.0                                 | 52.7                               | 113.0                                    | 6 100*                             | 54.7                               | 114.3                                    | 7 500*                             | 57.5                               | 116.0                                    | 9 800*                             | 60.2                               | 117.3                                    | 11 500                             | 48.0                                 |
| 50.0                                 | 50.6                               | 111.4                                    | 5 700*                             | 52.6                               | 112.8                                    | 7 000*                             | 55.5                               | 114.6                                    | 9 200*                             | 58.3                               | 116.1                                    | 10 800                             | 50.0                                 |
| 52.0                                 | 48.5                               | 109.6                                    | 5 300*                             | 50.5                               | 111.2                                    | 6 600*                             | 53.5                               | 113.2                                    | 8 700*                             | 56.3                               | 114.8                                    | 10 100                             | 52.0                                 |
| 54.0                                 | 46.2                               | 107.7                                    | 5 000*                             | 48.4                               | 109.4                                    | 6 200*                             | 51.4                               | 111.6                                    | 8 200*                             | 54.4                               | 113.3                                    | 9 500                              | 54.0                                 |
| 56.0                                 | 43.9                               | 105.6                                    | 4 700*                             | 46.1                               | 107.5                                    | 5 700*                             | 49.3                               | 109.9                                    | 7 700*                             | 52.3                               | 111.8                                    | 9 000                              | 56.0                                 |
| 58.0                                 | 41.5                               | 103.4                                    | 4 400*                             | 43.8                               | 105.4                                    | 5 400*                             | 47.1                               | 108.0                                    | 7 200*                             | 50.2                               | 110.1                                    | 8 400                              | 58.0                                 |
| 60.0                                 | 38.9                               | 100.9                                    | 4 100*                             | 41.4                               | 103.2                                    | 5 100*                             | 44.8                               | 106.0                                    | 6 800*                             | 48.0                               | 108.3                                    | 7 900                              | 60.0                                 |
| 62.0                                 | 36.2                               | 98.3                                     | 3 900*                             | 38.8                               | 100.7                                    | 4 800*                             | 42.4                               | 103.8                                    | 6 400*                             | 45.8                               | 106.4                                    | 7 500                              | 62.0                                 |
| 64.0                                 | 33.3                               | 95.3                                     | 3 600*                             | 36.1                               | 98.0                                     | 4 500*                             | 39.9                               | 101.5                                    | 5 900*                             | 43.5                               | 104.3                                    | 7 100                              | 64.0                                 |
| 66.0                                 | 30.2                               | 91.9                                     | 3 400*                             | 33.2                               | 95.0                                     | 4 200*                             | 37.3                               | 98.9                                     | 5 600*                             | 41.0                               | 102.0                                    | 6 700                              | 66.0                                 |
| 68.0                                 | 26.7                               | 88.1                                     | 3 300*                             | 30.0                               | 91.6                                     | 4 000*                             | 34.5                               | 96.0                                     | 5 200*                             | 38.4                               | 99.5                                     | 6 200*                             | 68.0                                 |
| 70.0                                 | 22.7                               | 83.5                                     | 3 200*                             | 26.5                               | 87.8                                     | 3 800*                             | 31.4                               | 92.8                                     | 4 900*                             | 35.7                               | 96.8                                     | 5 800*                             | 70.0                                 |
| 72.0                                 | 17.8                               | 77.8                                     | 3 100*                             | 22.5                               | 83.2                                     | 3 600*                             | 28.1                               | 89.2                                     | 4 700*                             | 32.7                               | 93.7                                     | 5 500*                             | 72.0                                 |
| 74.0                                 | 10.7                               | 69.4                                     | 3 000*                             | 17.5                               | 77.4                                     | 3 500*                             | 24.3                               | 84.9                                     | 4 400*                             | 29.5                               | 90.3                                     | 5 100*                             | 74.0                                 |
| 76.0                                 |                                    |                                          |                                    | 10.3                               | 68.7                                     | 3 400*                             | 19.8                               | 79.8                                     | 4 200*                             | 25.9                               | 86.3                                     | 4 700*                             | 76.0                                 |
| 78.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 13.9                               | 72.7                                     | 4 100*                             | 21.8                               | 81.6                                     | 4 400*                             | 78.0                                 |
| 80.0                                 |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 16.6                               | 75.5                                     | 4 100*                             | 80.0                                 |
| 82.0                                 |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 8.6                                | 65.9                                     | 3 800*                             | 82.0                                 |

# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

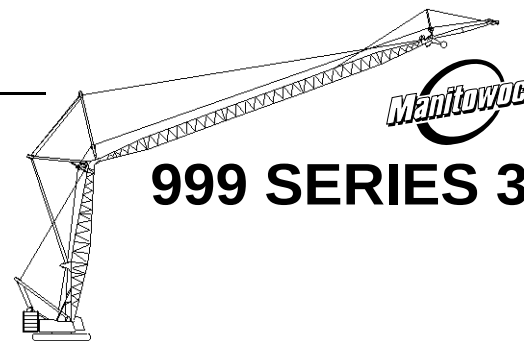
Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 999 SERIES 3

**54.9m (180 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib, 12.2m (40 Ft.) Fixed Jib**

| Fixed Jib<br>Oper.<br>Rad.<br>Meters | 88 Degree<br>Boom Angle            |                                          |                                    | 86 Degree<br>Boom Angle            |                                          |                                    | 83 Degree<br>Boom Angle            |                                          |                                    | 80 Degree<br>Boom Angle            |                                          |                                    | Fixed Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|--------------------------------------|
|                                      | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms |                                      |
| 25.9                                 | 73.8                               | 128.0                                    | 9 900*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 25.9                                 |
| 26.0                                 | 73.7                               | 127.9                                    | 9 900*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 26.0                                 |
| 28.0                                 | 72.1                               | 127.3                                    | 9 700*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 28.0                                 |
| 30.0                                 | 70.4                               | 126.6                                    | 9 400*                             | 72.0                               | 127.1                                    | 11 400*                            |                                    |                                          |                                    |                                    |                                          |                                    | 30.0                                 |
| 32.0                                 | 68.8                               | 125.8                                    | 9 200*                             | 70.4                               | 126.4                                    | 11 100*                            |                                    |                                          |                                    |                                    |                                          |                                    | 32.0                                 |
| 34.0                                 | 67.1                               | 124.9                                    | 9 000*                             | 68.7                               | 125.6                                    | 10 800*                            |                                    |                                          |                                    |                                    |                                          |                                    | 34.0                                 |
| 36.0                                 | 65.4                               | 124.0                                    | 8 700*                             | 67.0                               | 124.8                                    | 10 300*                            |                                    |                                          |                                    |                                    |                                          |                                    | 36.0                                 |
| 38.0                                 | 63.6                               | 123.0                                    | 8 100*                             | 65.3                               | 123.9                                    | 9 700*                             | 67.7                               | 124.8                                    | 11 000*                            |                                    |                                          |                                    | 38.0                                 |
| 40.0                                 | 61.9                               | 122.0                                    | 7 700*                             | 63.6                               | 122.9                                    | 9 200*                             | 66.0                               | 124.0                                    | 11 000*                            |                                    |                                          |                                    | 40.0                                 |
| 42.0                                 | 60.1                               | 120.8                                    | 7 200*                             | 61.8                               | 121.8                                    | 8 800*                             | 64.3                               | 123.0                                    | 10 800*                            |                                    |                                          |                                    | 42.0                                 |
| 44.0                                 | 58.3                               | 119.6                                    | 6 700*                             | 60.0                               | 120.6                                    | 8 200*                             | 62.6                               | 121.9                                    | 10 400*                            | 65.0                               | 122.9                                    | 10 700*                            | 44.0                                 |
| 46.0                                 | 56.4                               | 118.3                                    | 6 300*                             | 58.2                               | 119.4                                    | 7 800*                             | 60.8                               | 120.8                                    | 9 900*                             | 63.3                               | 121.9                                    | 10 700*                            | 46.0                                 |
| 48.0                                 | 54.5                               | 116.8                                    | 5 900*                             | 56.3                               | 118.1                                    | 7 300*                             | 59.0                               | 119.6                                    | 9 400*                             | 61.5                               | 120.8                                    | 10 700*                            | 48.0                                 |
| 50.0                                 | 52.6                               | 115.3                                    | 5 600*                             | 54.4                               | 116.6                                    | 6 900*                             | 57.1                               | 118.3                                    | 9 000*                             | 59.7                               | 119.7                                    | 10 500                             | 50.0                                 |
| 52.0                                 | 50.6                               | 113.7                                    | 5 200*                             | 52.5                               | 115.1                                    | 6 400*                             | 55.3                               | 116.9                                    | 8 500*                             | 57.9                               | 118.4                                    | 9 900                              | 52.0                                 |
| 54.0                                 | 48.5                               | 111.9                                    | 4 900*                             | 50.5                               | 113.5                                    | 6 100*                             | 53.3                               | 115.5                                    | 8 000*                             | 56.0                               | 117.1                                    | 9 300                              | 54.0                                 |
| 56.0                                 | 46.4                               | 110.0                                    | 4 600*                             | 48.4                               | 111.7                                    | 5 700*                             | 51.3                               | 113.9                                    | 7 500*                             | 54.1                               | 115.6                                    | 8 700                              | 56.0                                 |
| 58.0                                 | 44.1                               | 108.0                                    | 4 300*                             | 46.3                               | 109.8                                    | 5 300*                             | 49.3                               | 112.2                                    | 7 100*                             | 52.2                               | 114.1                                    | 8 200                              | 58.0                                 |
| 60.0                                 | 41.8                               | 105.7                                    | 4 100*                             | 44.0                               | 107.7                                    | 5 000*                             | 47.2                               | 110.3                                    | 6 700*                             | 50.2                               | 112.4                                    | 7 700                              | 60.0                                 |
| 62.0                                 | 39.4                               | 103.3                                    | 3 800*                             | 41.7                               | 105.5                                    | 4 700*                             | 45.0                               | 108.3                                    | 6 300*                             | 48.1                               | 110.6                                    | 7 300                              | 62.0                                 |
| 64.0                                 | 36.9                               | 100.7                                    | 3 600*                             | 39.3                               | 103.1                                    | 4 400*                             | 42.7                               | 106.2                                    | 5 900*                             | 45.9                               | 108.7                                    | 6 800*                             | 64.0                                 |
| 66.0                                 | 34.1                               | 97.8                                     | 3 400*                             | 36.7                               | 100.5                                    | 4 200*                             | 40.4                               | 103.8                                    | 5 600*                             | 43.7                               | 106.6                                    | 6 300*                             | 66.0                                 |
| 68.0                                 | 31.2                               | 94.6                                     | 3 200*                             | 34.0                               | 97.5                                     | 4 000*                             | 37.9                               | 101.3                                    | 5 200*                             | 41.4                               | 104.4                                    | 5 900*                             | 68.0                                 |
| 70.0                                 | 27.9                               | 90.9                                     | 3 100*                             | 31.0                               | 94.3                                     | 3 700*                             | 35.2                               | 98.5                                     | 5 000*                             | 38.9                               | 101.9                                    | 5 500*                             | 70.0                                 |
| 72.0                                 | 24.3                               | 86.7                                     | 2 900*                             | 27.8                               | 90.6                                     | 3 500*                             | 32.3                               | 95.4                                     | 4 700*                             | 36.3                               | 99.3                                     | 5 100*                             | 72.0                                 |
| 74.0                                 | 20.0                               | 81.5                                     | 2 900*                             | 24.1                               | 86.3                                     | 3 400*                             | 29.2                               | 91.9                                     | 4 400*                             | 33.6                               | 96.3                                     | 4 800*                             | 74.0                                 |
| 76.0                                 | 14.5                               | 74.7                                     | 2 800*                             | 19.8                               | 81.1                                     | 3 300*                             | 25.8                               | 87.9                                     | 4 200*                             | 30.6                               | 93.0                                     | 4 500*                             | 76.0                                 |
| 78.0                                 |                                    |                                          |                                    | 14.2                               | 74.2                                     | 3 200*                             | 21.8                               | 83.2                                     | 4 000*                             | 27.3                               | 89.2                                     | 4 100*                             | 78.0                                 |
| 80.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 16.9                               | 77.2                                     | 3 800*                             | 23.5                               | 84.8                                     | 3 800*                             | 80.0                                 |
| 82.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 9.6                                | 68.0                                     | 3 400*                             | 19.1                               | 79.4                                     | 3 500*                             | 82.0                                 |
| 84.0                                 |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 13.2                               | 72.1                                     | 3 200*                             | 84.0                                 |



# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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

## 999 SERIES 3

**54.9m (180 Ft.) Boom, 64.0m (210 Ft.) Luffing Jib, 12.2m (40 Ft.) Fixed Jib**

| Fixed Jib Oper. Rad. Meters | 88 Degree Boom Angle      |                              |                              | 86 Degree Boom Angle      |                              |                              | 83 Degree Boom Angle      |                              |                              | 80 Degree Boom Angle      |                              |                              | Fixed Jib Oper. Rad. Meters |
|-----------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|-----------------------------|
|                             | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms |                             |
| 25.9                        | 74.4                      | 131.2                        | 9 100*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 25.9                        |
| 26.0                        | 74.4                      | 131.1                        | 9 100*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 26.0                        |
| 28.0                        | 72.8                      | 130.5                        | 9 000*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 28.0                        |
| 30.0                        | 71.2                      | 129.8                        | 8 800*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 30.0                        |
| 32.0                        | 69.6                      | 129.1                        | 8 700*                       | 71.2                      | 129.7                        | 10 400*                      |                           |                              |                              |                           |                              |                              | 32.0                        |
| 34.0                        | 68.0                      | 128.3                        | 8 500*                       | 69.6                      | 128.9                        | 10 300*                      |                           |                              |                              |                           |                              |                              | 34.0                        |
| 36.0                        | 66.4                      | 127.4                        | 8 300*                       | 68.0                      | 128.1                        | 9 800*                       |                           |                              |                              |                           |                              |                              | 36.0                        |
| 38.0                        | 64.8                      | 126.4                        | 7 900*                       | 66.3                      | 127.2                        | 9 400*                       | 68.7                      | 128.1                        | 10 200*                      |                           |                              |                              | 38.0                        |
| 40.0                        | 63.1                      | 125.4                        | 7 400*                       | 64.7                      | 126.3                        | 8 900*                       | 67.0                      | 127.3                        | 10 100*                      |                           |                              |                              | 40.0                        |
| 42.0                        | 61.4                      | 124.3                        | 7 000*                       | 63.0                      | 125.3                        | 8 400*                       | 65.4                      | 126.4                        | 10 000*                      |                           |                              |                              | 42.0                        |
| 44.0                        | 59.7                      | 123.2                        | 6 600*                       | 61.3                      | 124.2                        | 8 000*                       | 63.7                      | 125.4                        | 9 900*                       |                           |                              |                              | 44.0                        |
| 46.0                        | 57.9                      | 121.9                        | 6 200*                       | 59.6                      | 123.0                        | 7 600*                       | 62.1                      | 124.3                        | 9 500*                       | 64.4                      | 125.4                        | 9 900*                       | 46.0                        |
| 48.0                        | 56.1                      | 120.6                        | 5 800*                       | 57.9                      | 121.7                        | 7 100*                       | 60.3                      | 123.2                        | 9 100*                       | 62.8                      | 124.3                        | 9 900*                       | 48.0                        |
| 50.0                        | 54.3                      | 119.1                        | 5 400*                       | 56.1                      | 120.4                        | 6 700*                       | 58.6                      | 122.0                        | 8 700*                       | 61.1                      | 123.2                        | 9 800*                       | 50.0                        |
| 52.0                        | 52.4                      | 117.6                        | 5 100*                       | 54.2                      | 118.9                        | 6 400*                       | 56.8                      | 120.7                        | 8 200*                       | 59.3                      | 122.0                        | 9 800                        | 52.0                        |
| 54.0                        | 50.5                      | 116.0                        | 4 800*                       | 52.3                      | 117.4                        | 6 000*                       | 55.0                      | 119.3                        | 7 800*                       | 57.6                      | 120.8                        | 9 100                        | 54.0                        |
| 56.0                        | 48.5                      | 114.2                        | 4 500*                       | 50.4                      | 115.8                        | 5 600*                       | 53.2                      | 117.8                        | 7 400*                       | 55.8                      | 119.4                        | 8 500                        | 56.0                        |
| 58.0                        | 46.5                      | 112.3                        | 4 200*                       | 48.4                      | 114.0                        | 5 300*                       | 51.2                      | 116.2                        | 7 000*                       | 53.9                      | 117.9                        | 8 000                        | 58.0                        |
| 60.0                        | 44.4                      | 110.3                        | 4 000*                       | 46.4                      | 112.1                        | 5 000*                       | 49.3                      | 114.5                        | 6 600*                       | 52.1                      | 116.4                        | 7 500                        | 60.0                        |
| 62.0                        | 42.1                      | 108.1                        | 3 800*                       | 44.3                      | 110.1                        | 4 700*                       | 47.3                      | 112.6                        | 6 200*                       | 50.1                      | 114.7                        | 7 000*                       | 62.0                        |
| 64.0                        | 39.8                      | 105.7                        | 3 500*                       | 42.0                      | 107.9                        | 4 400*                       | 45.2                      | 110.6                        | 5 800*                       | 48.1                      | 112.9                        | 6 500*                       | 64.0                        |
| 66.0                        | 37.4                      | 103.1                        | 3 400*                       | 39.7                      | 105.5                        | 4 200*                       | 43.0                      | 108.5                        | 5 600*                       | 46.1                      | 111.0                        | 6 100*                       | 66.0                        |
| 68.0                        | 34.8                      | 100.3                        | 3 200*                       | 37.3                      | 102.9                        | 3 900*                       | 40.7                      | 106.2                        | 5 200*                       | 43.9                      | 109.0                        | 5 700*                       | 68.0                        |
| 70.0                        | 32.1                      | 97.2                         | 3 000*                       | 34.7                      | 100.0                        | 3 700*                       | 38.4                      | 103.7                        | 4 900*                       | 41.7                      | 106.7                        | 5 300*                       | 70.0                        |
| 72.0                        | 29.1                      | 93.7                         | 2 900*                       | 31.9                      | 96.9                         | 3 500*                       | 35.8                      | 101.0                        | 4 700*                       | 39.4                      | 104.3                        | 4 900*                       | 72.0                        |
| 74.0                        | 25.7                      | 89.6                         | 2 800*                       | 28.9                      | 93.4                         | 3 300*                       | 33.1                      | 98.0                         | 4 400*                       | 36.9                      | 101.7                        | 4 600*                       | 74.0                        |
| 76.0                        | 21.9                      | 84.9                         | 2 600*                       | 25.6                      | 89.3                         | 3 200*                       | 30.2                      | 94.6                         | 4 100*                       | 34.3                      | 98.8                         | 4 200*                       | 76.0                        |
| 78.0                        | 17.3                      | 79.0                         | 2 600*                       | 21.7                      | 84.6                         | 3 100*                       | 27.0                      | 90.8                         | 3 900*                       | 31.5                      | 95.6                         | 3 900*                       | 78.0                        |
| 80.0                        | 10.7                      | 70.4                         | 2 400*                       | 17.0                      | 78.6                         | 3 000*                       | 23.4                      | 86.4                         | 3 600*                       | 28.4                      | 92.0                         | 3 600*                       | 80.0                        |
| 82.0                        |                           |                              |                              | 10.3                      | 69.8                         | 2 600*                       | 19.2                      | 81.0                         | 3 300*                       | 25.0                      | 87.9                         | 3 300*                       | 82.0                        |
| 84.0                        |                           |                              |                              |                           |                              |                              | 13.6                      | 73.8                         | 3 000*                       | 21.1                      | 83.0                         | 3 000*                       | 84.0                        |
| 86.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 16.2                      | 76.7                         | 2 700*                       | 86.0                        |
| 88.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 8.8                       | 67.0                         | 2 500*                       | 88.0                        |

# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

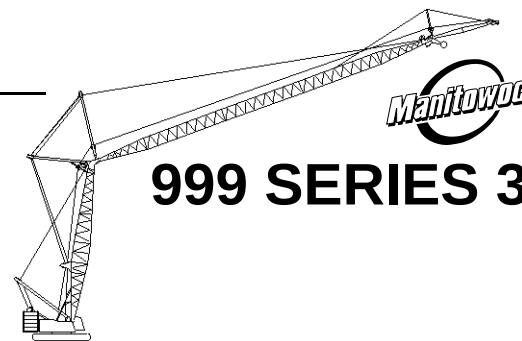
Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 999 SERIES 3

**54.9m (180 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib, 15.2m (50 Ft.) Fixed Jib**

| Fixed Jib<br>Oper.<br>Rad.<br>Meters | 88 Degree<br>Boom Angle            |                                          |                                    | 86 Degree<br>Boom Angle            |                                          |                                    | 83 Degree<br>Boom Angle            |                                          |                                    | 80 Degree<br>Boom Angle            |                                          |                                    | Fixed Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|--------------------------------------|
|                                      | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms |                                      |
| 24.4                                 | 74.1                               | 122.1                                    | 11 000*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 24.4                                 |
| 26.0                                 | 72.7                               | 121.6                                    | 10 600*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 26.0                                 |
| 28.0                                 | 70.9                               | 120.9                                    | 10 500*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 28.0                                 |
| 30.0                                 | 69.1                               | 120.1                                    | 10 300*                            | 70.8                               | 120.8                                    | 12 400*                            |                                    |                                          |                                    |                                    |                                          |                                    | 30.0                                 |
| 32.0                                 | 67.2                               | 119.3                                    | 10 200*                            | 69.0                               | 120.0                                    | 12 200*                            |                                    |                                          |                                    |                                    |                                          |                                    | 32.0                                 |
| 34.0                                 | 65.4                               | 118.3                                    | 9 800*                             | 67.2                               | 119.1                                    | 11 800*                            |                                    |                                          |                                    |                                    |                                          |                                    | 34.0                                 |
| 36.0                                 | 63.5                               | 117.3                                    | 9 400*                             | 65.3                               | 118.2                                    | 11 200*                            | 68.0                               | 119.2                                    | 12 200*                            |                                    |                                          |                                    | 36.0                                 |
| 38.0                                 | 61.6                               | 116.2                                    | 8 800*                             | 63.4                               | 117.2                                    | 10 600*                            | 66.1                               | 118.3                                    | 12 100*                            |                                    |                                          |                                    | 38.0                                 |
| 40.0                                 | 59.6                               | 115.1                                    | 8 200*                             | 61.5                               | 116.1                                    | 9 900*                             | 64.2                               | 117.3                                    | 12 000*                            |                                    |                                          |                                    | 40.0                                 |
| 42.0                                 | 57.6                               | 113.8                                    | 7 700*                             | 59.5                               | 114.9                                    | 9 300*                             | 62.3                               | 116.2                                    | 11 800*                            | 65.0                               | 117.3                                    | 11 900*                            | 42.0                                 |
| 44.0                                 | 55.5                               | 112.4                                    | 7 100*                             | 57.5                               | 113.6                                    | 8 700*                             | 60.4                               | 115.1                                    | 11 200*                            | 63.1                               | 116.2                                    | 11 900*                            | 44.0                                 |
| 46.0                                 | 53.4                               | 110.9                                    | 6 600*                             | 55.4                               | 112.2                                    | 8 200*                             | 58.4                               | 113.8                                    | 10 600*                            | 61.2                               | 115.1                                    | 11 800*                            | 46.0                                 |
| 48.0                                 | 51.3                               | 109.3                                    | 6 200*                             | 53.3                               | 110.7                                    | 7 600*                             | 56.3                               | 112.5                                    | 10 000*                            | 59.2                               | 113.9                                    | 11 400*                            | 48.0                                 |
| 50.0                                 | 49.0                               | 107.5                                    | 5 800*                             | 51.2                               | 109.1                                    | 7 100*                             | 54.2                               | 111.1                                    | 9 400*                             | 57.2                               | 112.6                                    | 10 800*                            | 50.0                                 |
| 52.0                                 | 46.7                               | 105.7                                    | 5 400*                             | 48.9                               | 107.3                                    | 6 600*                             | 52.1                               | 109.5                                    | 8 800*                             | 55.1                               | 111.2                                    | 10 200*                            | 52.0                                 |
| 54.0                                 | 44.3                               | 103.6                                    | 5 000*                             | 46.6                               | 105.4                                    | 6 200*                             | 49.9                               | 107.8                                    | 8 200*                             | 53.0                               | 109.7                                    | 9 700*                             | 54.0                                 |
| 56.0                                 | 41.7                               | 101.4                                    | 4 700*                             | 44.2                               | 103.4                                    | 5 800*                             | 47.6                               | 106.0                                    | 7 700*                             | 50.8                               | 108.1                                    | 9 300*                             | 56.0                                 |
| 58.0                                 | 39.1                               | 98.9                                     | 4 400*                             | 41.6                               | 101.1                                    | 5 400*                             | 45.2                               | 104.0                                    | 7 200*                             | 48.6                               | 106.3                                    | 8 800                              | 58.0                                 |
| 60.0                                 | 36.2                               | 96.2                                     | 4 100*                             | 38.9                               | 98.7                                     | 5 000*                             | 42.7                               | 101.8                                    | 6 700*                             | 46.2                               | 104.4                                    | 8 300                              | 60.0                                 |
| 62.0                                 | 33.2                               | 93.2                                     | 3 800*                             | 36.1                               | 95.9                                     | 4 700*                             | 40.1                               | 99.4                                     | 6 300*                             | 43.8                               | 102.3                                    | 7 900                              | 62.0                                 |
| 64.0                                 | 29.8                               | 89.7                                     | 3 600*                             | 33.0                               | 92.9                                     | 4 400*                             | 37.3                               | 96.8                                     | 5 800*                             | 41.2                               | 100.0                                    | 7 400                              | 64.0                                 |
| 66.0                                 | 26.0                               | 85.8                                     | 3 400*                             | 29.6                               | 89.4                                     | 4 100*                             | 34.4                               | 93.9                                     | 5 400*                             | 38.5                               | 97.5                                     | 7 100                              | 66.0                                 |
| 68.0                                 | 21.6                               | 80.9                                     | 3 300*                             | 25.9                               | 85.4                                     | 3 900*                             | 31.1                               | 90.7                                     | 5 100*                             | 35.6                               | 94.7                                     | 6 700                              | 68.0                                 |
| 70.0                                 | 16.1                               | 74.6                                     | 3 200*                             | 21.4                               | 80.6                                     | 3 700*                             | 27.5                               | 86.9                                     | 4 800*                             | 32.5                               | 91.6                                     | 6 300                              | 70.0                                 |
| 72.0                                 |                                    |                                          |                                    | 15.8                               | 74.2                                     | 3 600*                             | 23.4                               | 82.5                                     | 4 500*                             | 29.1                               | 88.1                                     | 6 000                              | 72.0                                 |
| 74.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 18.4                               | 76.9                                     | 4 200*                             | 25.2                               | 84.0                                     | 5 600*                             | 74.0                                 |
| 76.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 11.2                               | 68.6                                     | 4 100*                             | 20.7                               | 79.0                                     | 5 200*                             | 76.0                                 |
| 78.0                                 |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 14.7                               | 72.2                                     | 4 900*                             | 78.0                                 |



# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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

**54.9m (180 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib, 15.2m (50 Ft.) Fixed Jib**

| Fixed Jib Oper. Rad. Meters | 88 Degree Boom Angle      |                              |                              | 86 Degree Boom Angle      |                              |                              | 83 Degree Boom Angle      |                              |                              | 80 Degree Boom Angle      |                              |                              | Fixed Jib Oper. Rad. Meters |
|-----------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|-----------------------------|
|                             | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms |                             |
| 24.4                        | 74.8                      | 125.3                        | 10 100*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 24.4                        |
| 26.0                        | 73.5                      | 124.8                        | 10 100*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 26.0                        |
| 28.0                        | 71.7                      | 124.2                        | 9 800*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 28.0                        |
| 30.0                        | 70.0                      | 123.4                        | 9 700*                       | 71.7                      | 124.0                        | 11 500*                      |                           |                              |                              |                           |                              |                              | 30.0                        |
| 32.0                        | 68.3                      | 122.6                        | 9 600*                       | 69.9                      | 123.3                        | 11 400*                      |                           |                              |                              |                           |                              |                              | 32.0                        |
| 34.0                        | 66.5                      | 121.7                        | 9 400*                       | 68.2                      | 122.4                        | 11 300*                      |                           |                              |                              |                           |                              |                              | 34.0                        |
| 36.0                        | 64.7                      | 120.8                        | 9 000*                       | 66.4                      | 121.6                        | 10 700*                      | 69.0                      | 122.5                        | 11 400*                      |                           |                              |                              | 36.0                        |
| 38.0                        | 62.9                      | 119.7                        | 8 500*                       | 64.6                      | 120.6                        | 10 200*                      | 67.2                      | 121.6                        | 11 300*                      |                           |                              |                              | 38.0                        |
| 40.0                        | 61.1                      | 118.6                        | 8 000*                       | 62.8                      | 119.6                        | 9 600*                       | 65.4                      | 120.7                        | 11 300*                      |                           |                              |                              | 40.0                        |
| 42.0                        | 59.2                      | 117.4                        | 7 500*                       | 61.0                      | 118.4                        | 9 100*                       | 63.6                      | 119.7                        | 11 200*                      | 66.2                      | 120.6                        | 11 100*                      | 42.0                        |
| 44.0                        | 57.2                      | 116.1                        | 7 000*                       | 59.1                      | 117.2                        | 8 500*                       | 61.8                      | 118.6                        | 10 900*                      | 64.4                      | 119.7                        | 11 100*                      | 44.0                        |
| 46.0                        | 55.3                      | 114.7                        | 6 500*                       | 57.2                      | 115.9                        | 8 000*                       | 59.9                      | 117.4                        | 10 300*                      | 62.5                      | 118.6                        | 11 100*                      | 46.0                        |
| 48.0                        | 53.2                      | 113.2                        | 6 100*                       | 55.2                      | 114.5                        | 7 500*                       | 58.0                      | 116.2                        | 9 700*                       | 60.7                      | 117.5                        | 10 900*                      | 48.0                        |
| 50.0                        | 51.2                      | 111.6                        | 5 700*                       | 53.2                      | 113.0                        | 7 100*                       | 56.0                      | 114.8                        | 9 200*                       | 58.8                      | 116.3                        | 10 300*                      | 50.0                        |
| 52.0                        | 49.0                      | 109.8                        | 5 300*                       | 51.1                      | 111.4                        | 6 600*                       | 54.0                      | 113.4                        | 8 700*                       | 56.8                      | 114.9                        | 9 800*                       | 52.0                        |
| 54.0                        | 46.8                      | 108.0                        | 5 000*                       | 48.9                      | 109.6                        | 6 200*                       | 52.0                      | 111.8                        | 8 200*                       | 54.9                      | 113.5                        | 9 300*                       | 54.0                        |
| 56.0                        | 44.5                      | 105.9                        | 4 700*                       | 46.7                      | 107.7                        | 5 700*                       | 49.9                      | 110.1                        | 7 700*                       | 52.8                      | 112.0                        | 8 900*                       | 56.0                        |
| 58.0                        | 42.1                      | 103.7                        | 4 300*                       | 44.4                      | 105.7                        | 5 400*                       | 47.7                      | 108.3                        | 7 200*                       | 50.7                      | 110.4                        | 8 500*                       | 58.0                        |
| 60.0                        | 39.5                      | 101.3                        | 4 100*                       | 42.0                      | 103.5                        | 5 000*                       | 45.4                      | 106.3                        | 6 700*                       | 48.6                      | 108.6                        | 8 100                        | 60.0                        |
| 62.0                        | 36.9                      | 98.6                         | 3 800*                       | 39.4                      | 101.1                        | 4 700*                       | 43.0                      | 104.1                        | 6 300*                       | 46.3                      | 106.7                        | 7 700                        | 62.0                        |
| 64.0                        | 34.0                      | 95.7                         | 3 600*                       | 36.7                      | 98.4                         | 4 400*                       | 40.5                      | 101.8                        | 5 900*                       | 44.0                      | 104.6                        | 7 200                        | 64.0                        |
| 66.0                        | 30.9                      | 92.4                         | 3 400*                       | 33.9                      | 95.4                         | 4 100*                       | 37.9                      | 99.3                         | 5 500*                       | 41.6                      | 102.3                        | 6 800                        | 66.0                        |
| 68.0                        | 27.4                      | 88.6                         | 3 200*                       | 30.7                      | 92.1                         | 3 900*                       | 35.1                      | 96.4                         | 5 200*                       | 39.0                      | 99.9                         | 6 400                        | 68.0                        |
| 70.0                        | 23.5                      | 84.2                         | 3 000*                       | 27.3                      | 88.3                         | 3 700*                       | 32.1                      | 93.3                         | 4 800*                       | 36.3                      | 97.2                         | 6 100                        | 70.0                        |
| 72.0                        | 18.7                      | 78.7                         | 3 000*                       | 23.3                      | 83.9                         | 3 500*                       | 28.8                      | 89.7                         | 4 600*                       | 33.4                      | 94.2                         | 5 700*                       | 72.0                        |
| 74.0                        | 12.2                      | 70.8                         | 2 900*                       | 18.5                      | 78.3                         | 3 300*                       | 25.1                      | 85.6                         | 4 300*                       | 30.2                      | 90.8                         | 5 300*                       | 74.0                        |
| 76.0                        |                           |                              |                              | 11.8                      | 70.2                         | 3 300*                       | 20.7                      | 80.5                         | 4 100*                       | 26.7                      | 86.9                         | 5 000*                       | 76.0                        |
| 78.0                        |                           |                              |                              |                           |                              |                              | 15.1                      | 73.9                         | 3 900*                       | 22.6                      | 82.3                         | 4 700*                       | 78.0                        |
| 80.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 17.7                      | 76.5                         | 4 400*                       | 80.0                        |
| 82.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 10.4                      | 67.7                         | 4 000*                       | 82.0                        |

# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

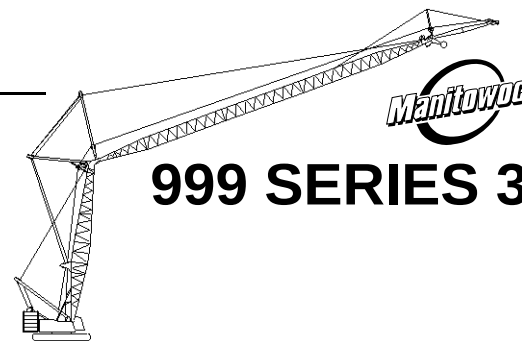
Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 999 SERIES 3

**54.9m (180 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib, 15.2m (50 Ft.) Fixed Jib**

| Fixed Jib<br>Oper.<br>Rad.<br>Meters | 88 Degree<br>Boom Angle            |                                          |                                    | 86 Degree<br>Boom Angle            |                                          |                                    | 83 Degree<br>Boom Angle            |                                          |                                    | 80 Degree<br>Boom Angle            |                                          |                                    | Fixed Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|--------------------------------------|
|                                      | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms |                                      |
| 25.9                                 | 74.2                               | 128.0                                    | 9 300*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 25.9                                 |
| 26.0                                 | 74.2                               | 128.0                                    | 9 300*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 26.0                                 |
| 28.0                                 | 72.5                               | 127.4                                    | 9 300*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 28.0                                 |
| 30.0                                 | 70.9                               | 126.7                                    | 9 200*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 30.0                                 |
| 32.0                                 | 69.2                               | 125.9                                    | 9 000*                             | 70.8                               | 126.5                                    | 10 700*                            |                                    |                                          |                                    |                                    |                                          |                                    | 32.0                                 |
| 34.0                                 | 67.5                               | 125.1                                    | 8 900*                             | 69.2                               | 125.7                                    | 10 600*                            |                                    |                                          |                                    |                                    |                                          |                                    | 34.0                                 |
| 36.0                                 | 65.8                               | 124.1                                    | 8 600*                             | 67.5                               | 124.9                                    | 10 300*                            |                                    |                                          |                                    |                                    |                                          |                                    | 36.0                                 |
| 38.0                                 | 64.1                               | 123.2                                    | 8 200*                             | 65.8                               | 124.0                                    | 9 800*                             | 68.2                               | 125.0                                    | 10 600*                            |                                    |                                          |                                    | 38.0                                 |
| 40.0                                 | 62.4                               | 122.1                                    | 7 800*                             | 64.0                               | 123.0                                    | 9 300*                             | 66.5                               | 124.1                                    | 10 600*                            |                                    |                                          |                                    | 40.0                                 |
| 42.0                                 | 60.6                               | 121.0                                    | 7 300*                             | 62.3                               | 121.9                                    | 8 800*                             | 64.8                               | 123.1                                    | 10 500*                            |                                    |                                          |                                    | 42.0                                 |
| 44.0                                 | 58.8                               | 119.7                                    | 6 800*                             | 60.5                               | 120.8                                    | 8 300*                             | 63.0                               | 122.1                                    | 10 400*                            | 65.5                               | 123.1                                    | 10 300*                            | 44.0                                 |
| 46.0                                 | 56.9                               | 118.4                                    | 6 400*                             | 58.7                               | 119.6                                    | 7 800*                             | 61.3                               | 121.0                                    | 10 000*                            | 63.8                               | 122.1                                    | 10 300*                            | 46.0                                 |
| 48.0                                 | 55.0                               | 117.0                                    | 6 000*                             | 56.8                               | 118.2                                    | 7 400*                             | 59.5                               | 119.8                                    | 9 500*                             | 62.0                               | 121.0                                    | 10 300*                            | 48.0                                 |
| 50.0                                 | 53.1                               | 115.5                                    | 5 600*                             | 54.9                               | 116.8                                    | 6 900*                             | 57.6                               | 118.5                                    | 9 000*                             | 60.2                               | 119.8                                    | 10 300*                            | 50.0                                 |
| 52.0                                 | 51.1                               | 113.9                                    | 5 300*                             | 53.0                               | 115.3                                    | 6 500*                             | 55.7                               | 117.1                                    | 8 500*                             | 58.4                               | 118.6                                    | 10 200                             | 52.0                                 |
| 54.0                                 | 49.0                               | 112.1                                    | 4 900*                             | 51.0                               | 113.7                                    | 6 100*                             | 53.8                               | 115.7                                    | 8 000*                             | 56.5                               | 117.3                                    | 9 600                              | 54.0                                 |
| 56.0                                 | 46.9                               | 110.3                                    | 4 600*                             | 48.9                               | 111.9                                    | 5 700*                             | 51.8                               | 114.1                                    | 7 600*                             | 54.6                               | 115.8                                    | 9 000                              | 56.0                                 |
| 58.0                                 | 44.7                               | 108.2                                    | 4 300*                             | 46.8                               | 110.1                                    | 5 300*                             | 49.8                               | 112.4                                    | 7 100*                             | 52.7                               | 114.3                                    | 8 500                              | 58.0                                 |
| 60.0                                 | 42.4                               | 106.0                                    | 4 100*                             | 44.6                               | 108.0                                    | 5 000*                             | 47.7                               | 110.6                                    | 6 700*                             | 50.7                               | 112.7                                    | 8 000                              | 60.0                                 |
| 62.0                                 | 40.0                               | 103.7                                    | 3 800*                             | 42.3                               | 105.8                                    | 4 700*                             | 45.5                               | 108.6                                    | 6 300*                             | 48.6                               | 110.9                                    | 7 500                              | 62.0                                 |
| 64.0                                 | 37.4                               | 101.1                                    | 3 600*                             | 39.9                               | 103.4                                    | 4 400*                             | 43.3                               | 106.5                                    | 5 900*                             | 46.5                               | 109.0                                    | 7 100                              | 64.0                                 |
| 66.0                                 | 34.7                               | 98.2                                     | 3 400*                             | 37.3                               | 100.8                                    | 4 200*                             | 40.9                               | 104.2                                    | 5 500*                             | 44.2                               | 106.9                                    | 6 700                              | 66.0                                 |
| 68.0                                 | 31.8                               | 95.0                                     | 3 200*                             | 34.6                               | 98.0                                     | 3 900*                             | 38.4                               | 101.7                                    | 5 200*                             | 41.9                               | 104.7                                    | 6 300                              | 68.0                                 |
| 70.0                                 | 28.6                               | 91.4                                     | 3 000*                             | 31.7                               | 94.8                                     | 3 700*                             | 35.8                               | 98.9                                     | 4 900*                             | 39.5                               | 102.3                                    | 5 900*                             | 70.0                                 |
| 72.0                                 | 25.1                               | 87.3                                     | 2 900*                             | 28.5                               | 91.1                                     | 3 500*                             | 33.0                               | 95.9                                     | 4 600*                             | 36.9                               | 99.6                                     | 5 600*                             | 72.0                                 |
| 74.0                                 | 20.9                               | 82.3                                     | 2 800*                             | 24.9                               | 87.0                                     | 3 300*                             | 29.9                               | 92.4                                     | 4 300*                             | 34.2                               | 96.7                                     | 5 200*                             | 74.0                                 |
| 76.0                                 | 15.6                               | 75.8                                     | 2 700*                             | 20.7                               | 81.9                                     | 3 200*                             | 26.5                               | 88.5                                     | 4 100*                             | 31.2                               | 93.5                                     | 4 800*                             | 76.0                                 |
| 78.0                                 |                                    |                                          |                                    | 15.4                               | 75.3                                     | 3 100*                             | 22.6                               | 83.9                                     | 3 900*                             | 28.0                               | 89.8                                     | 4 500*                             | 78.0                                 |
| 80.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 17.8                               | 78.1                                     | 3 700*                             | 24.3                               | 85.5                                     | 4 200*                             | 80.0                                 |
| 82.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 11.1                               | 69.7                                     | 3 600*                             | 20.0                               | 80.3                                     | 3 900*                             | 82.0                                 |
| 84.0                                 |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 14.3                               | 73.3                                     | 3 600*                             | 84.0                                 |



# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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

## 999 SERIES 3

54.9m (180 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib, 15.2m (50 Ft.) Fixed Jib

| Fixed Jib Oper. Rad. Meters | 88 Degree Boom Angle      |                              |                              | 86 Degree Boom Angle      |                              |                              | 83 Degree Boom Angle      |                              |                              | 80 Degree Boom Angle      |                              |                              | Fixed Jib Oper. Rad. Meters |
|-----------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|-----------------------------|
|                             | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms |                             |
| 25.9                        | 74.9                      | 131.2                        | 8 900*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 25.9                        |
| 26.0                        | 74.8                      | 131.2                        | 8 900*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 26.0                        |
| 28.0                        | 73.2                      | 130.6                        | 8 800*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 28.0                        |
| 30.0                        | 71.7                      | 129.9                        | 8 500*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 30.0                        |
| 32.0                        | 70.1                      | 129.2                        | 8 400*                       | 71.6                      | 129.8                        | 10 000*                      |                           |                              |                              |                           |                              |                              | 32.0                        |
| 34.0                        | 68.5                      | 128.4                        | 8 300*                       | 70.0                      | 129.0                        | 10 000*                      |                           |                              |                              |                           |                              |                              | 34.0                        |
| 36.0                        | 66.9                      | 127.5                        | 8 200*                       | 68.4                      | 128.2                        | 9 800*                       |                           |                              |                              |                           |                              |                              | 36.0                        |
| 38.0                        | 65.2                      | 126.6                        | 7 900*                       | 66.8                      | 127.3                        | 9 400*                       |                           |                              |                              |                           |                              |                              | 38.0                        |
| 40.0                        | 63.6                      | 125.6                        | 7 400*                       | 65.1                      | 126.4                        | 8 900*                       | 67.5                      | 127.4                        | 9 800*                       |                           |                              |                              | 40.0                        |
| 42.0                        | 61.9                      | 124.5                        | 7 000*                       | 63.5                      | 125.4                        | 8 500*                       | 65.9                      | 126.5                        | 9 800*                       |                           |                              |                              | 42.0                        |
| 44.0                        | 60.1                      | 123.3                        | 6 600*                       | 61.8                      | 124.3                        | 8 000*                       | 64.2                      | 125.5                        | 9 700*                       |                           |                              |                              | 44.0                        |
| 46.0                        | 58.4                      | 122.1                        | 6 200*                       | 60.1                      | 123.1                        | 7 600*                       | 62.5                      | 124.5                        | 9 600*                       | 64.9                      | 125.5                        | 9 600*                       | 46.0                        |
| 48.0                        | 56.6                      | 120.8                        | 5 800*                       | 58.3                      | 121.9                        | 7 200*                       | 60.8                      | 123.3                        | 9 100*                       | 63.2                      | 124.5                        | 9 600*                       | 48.0                        |
| 50.0                        | 54.8                      | 119.3                        | 5 500*                       | 56.5                      | 120.6                        | 6 800*                       | 59.1                      | 122.1                        | 8 700*                       | 61.5                      | 123.4                        | 9 600*                       | 50.0                        |
| 52.0                        | 52.9                      | 117.8                        | 5 100*                       | 54.7                      | 119.1                        | 6 400*                       | 57.3                      | 120.8                        | 8 300*                       | 59.8                      | 122.2                        | 9 600*                       | 52.0                        |
| 54.0                        | 51.0                      | 116.2                        | 4 800*                       | 52.8                      | 117.6                        | 6 000*                       | 55.5                      | 119.5                        | 7 800*                       | 58.0                      | 120.9                        | 9 400                        | 54.0                        |
| 56.0                        | 49.0                      | 114.4                        | 4 500*                       | 50.9                      | 116.0                        | 5 600*                       | 53.6                      | 118.0                        | 7 400*                       | 56.2                      | 119.6                        | 8 800                        | 56.0                        |
| 58.0                        | 47.0                      | 112.6                        | 4 200*                       | 48.9                      | 114.2                        | 5 300*                       | 51.7                      | 116.4                        | 7 000*                       | 54.4                      | 118.1                        | 8 300                        | 58.0                        |
| 60.0                        | 44.9                      | 110.6                        | 4 000*                       | 46.9                      | 112.4                        | 5 000*                       | 49.8                      | 114.7                        | 6 600*                       | 52.5                      | 116.6                        | 7 800                        | 60.0                        |
| 62.0                        | 42.7                      | 108.4                        | 3 800*                       | 44.8                      | 110.3                        | 4 600*                       | 47.8                      | 112.9                        | 6 200*                       | 50.6                      | 115.0                        | 7 300                        | 62.0                        |
| 64.0                        | 40.4                      | 106.0                        | 3 500*                       | 42.6                      | 108.2                        | 4 400*                       | 45.7                      | 110.9                        | 5 800*                       | 48.6                      | 113.2                        | 6 900                        | 64.0                        |
| 66.0                        | 38.0                      | 103.5                        | 3 300*                       | 40.3                      | 105.8                        | 4 100*                       | 43.5                      | 108.8                        | 5 500*                       | 46.6                      | 111.3                        | 6 500*                       | 66.0                        |
| 68.0                        | 35.4                      | 100.7                        | 3 100*                       | 37.9                      | 103.2                        | 3 900*                       | 41.3                      | 106.5                        | 5 200*                       | 44.4                      | 109.2                        | 6 000*                       | 68.0                        |
| 70.0                        | 32.7                      | 97.6                         | 3 000*                       | 35.3                      | 100.4                        | 3 700*                       | 38.9                      | 104.1                        | 4 900*                       | 42.2                      | 107.0                        | 5 600*                       | 70.0                        |
| 72.0                        | 29.7                      | 94.2                         | 2 800*                       | 32.5                      | 97.3                         | 3 500*                       | 36.4                      | 101.4                        | 4 600*                       | 39.9                      | 104.7                        | 5 200*                       | 72.0                        |
| 74.0                        | 26.4                      | 90.2                         | 2 700*                       | 29.6                      | 93.9                         | 3 300*                       | 33.7                      | 98.4                         | 4 400*                       | 37.5                      | 102.1                        | 4 900*                       | 74.0                        |
| 76.0                        | 22.7                      | 85.6                         | 2 600*                       | 26.3                      | 89.9                         | 3 100*                       | 30.9                      | 95.1                         | 4 100*                       | 34.9                      | 99.2                         | 4 600*                       | 76.0                        |
| 78.0                        | 18.2                      | 79.9                         | 2 500*                       | 22.5                      | 85.3                         | 3 000*                       | 27.7                      | 91.4                         | 3 900*                       | 32.1                      | 96.1                         | 4 200*                       | 78.0                        |
| 80.0                        | 12.0                      | 71.9                         | 2 500*                       | 18.0                      | 79.5                         | 2 900*                       | 24.2                      | 87.0                         | 3 700*                       | 29.1                      | 92.5                         | 3 900*                       | 80.0                        |
| 82.0                        |                           |                              |                              | 11.7                      | 71.3                         | 2 800*                       | 20.0                      | 81.8                         | 3 500*                       | 25.7                      | 88.5                         | 3 600*                       | 82.0                        |
| 84.0                        |                           |                              |                              |                           |                              |                              | 14.7                      | 75.0                         | 3 300*                       | 21.9                      | 83.7                         | 3 300*                       | 84.0                        |
| 86.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 17.1                      | 77.7                         | 3 100*                       | 86.0                        |
| 88.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 10.3                      | 68.8                         | 2 800*                       | 88.0                        |

# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

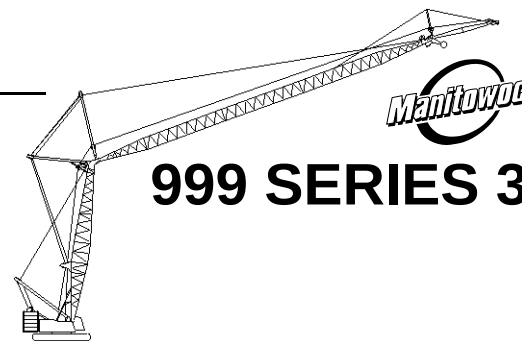
Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 999 SERIES 3

**54.9m (180 Ft.) Boom, 64.0m (210 Ft.) Luffing Jib, 15.2m (50 Ft.) Fixed Jib**

| Fixed Jib<br>Oper.<br>Rad.<br>Meters | 88 Degree<br>Boom Angle            |                                          |                                    | 86 Degree<br>Boom Angle            |                                          |                                    | 83 Degree<br>Boom Angle            |                                          |                                    | 80 Degree<br>Boom Angle            |                                          |                                    | Fixed Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|--------------------------------------|
|                                      | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms |                                      |
| 27.4                                 | 74.3                               | 134.0                                    | 8 100*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 27.4                                 |
| 28.0                                 | 73.9                               | 133.8                                    | 8 100*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 28.0                                 |
| 30.0                                 | 72.4                               | 133.1                                    | 8 000*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 30.0                                 |
| 32.0                                 | 70.9                               | 132.4                                    | 8 000*                             | 72.3                               | 133.0                                    | 9 300*                             |                                    |                                          |                                    |                                    |                                          |                                    | 32.0                                 |
| 34.0                                 | 69.4                               | 131.7                                    | 7 800*                             | 70.8                               | 132.3                                    | 9 300*                             |                                    |                                          |                                    |                                    |                                          |                                    | 34.0                                 |
| 36.0                                 | 67.8                               | 130.8                                    | 7 700*                             | 69.3                               | 131.5                                    | 9 200*                             |                                    |                                          |                                    |                                    |                                          |                                    | 36.0                                 |
| 38.0                                 | 66.2                               | 129.9                                    | 7 500*                             | 67.7                               | 130.7                                    | 9 000*                             |                                    |                                          |                                    |                                    |                                          |                                    | 38.0                                 |
| 40.0                                 | 64.6                               | 129.0                                    | 7 200*                             | 66.2                               | 129.8                                    | 8 500*                             | 68.4                               | 130.7                                    | 9 100*                             |                                    |                                          |                                    | 40.0                                 |
| 42.0                                 | 63.0                               | 128.0                                    | 6 800*                             | 64.6                               | 128.8                                    | 8 100*                             | 66.8                               | 129.9                                    | 9 100*                             |                                    |                                          |                                    | 42.0                                 |
| 44.0                                 | 61.4                               | 126.9                                    | 6 400*                             | 63.0                               | 127.8                                    | 7 700*                             | 65.3                               | 128.9                                    | 9 000*                             |                                    |                                          |                                    | 44.0                                 |
| 46.0                                 | 59.7                               | 125.7                                    | 6 000*                             | 61.3                               | 126.7                                    | 7 300*                             | 63.7                               | 127.9                                    | 9 000*                             | 65.9                               | 128.9                                    | 8 900*                             | 46.0                                 |
| 48.0                                 | 58.1                               | 124.4                                    | 5 700*                             | 59.7                               | 125.5                                    | 7 000*                             | 62.0                               | 126.9                                    | 8 800*                             | 64.3                               | 127.9                                    | 8 900*                             | 48.0                                 |
| 50.0                                 | 56.3                               | 123.1                                    | 5 400*                             | 58.0                               | 124.2                                    | 6 600*                             | 60.4                               | 125.7                                    | 8 400*                             | 62.7                               | 126.8                                    | 8 800*                             | 50.0                                 |
| 52.0                                 | 54.6                               | 121.6                                    | 5 000*                             | 56.2                               | 122.9                                    | 6 200*                             | 58.7                               | 124.5                                    | 8 000*                             | 61.1                               | 125.7                                    | 8 800*                             | 52.0                                 |
| 54.0                                 | 52.8                               | 120.1                                    | 4 800*                             | 54.5                               | 121.5                                    | 5 900*                             | 57.0                               | 123.2                                    | 7 600*                             | 59.4                               | 124.5                                    | 8 800*                             | 54.0                                 |
| 56.0                                 | 50.9                               | 118.5                                    | 4 500*                             | 52.7                               | 119.9                                    | 5 500*                             | 55.2                               | 121.8                                    | 7 200*                             | 57.7                               | 123.3                                    | 8 500*                             | 56.0                                 |
| 58.0                                 | 49.0                               | 116.7                                    | 4 200*                             | 50.8                               | 118.3                                    | 5 200*                             | 53.5                               | 120.3                                    | 6 900*                             | 56.0                               | 121.9                                    | 8 100                              | 58.0                                 |
| 60.0                                 | 47.1                               | 114.9                                    | 3 900*                             | 48.9                               | 116.5                                    | 4 900*                             | 51.6                               | 118.7                                    | 6 500*                             | 54.2                               | 120.5                                    | 7 600                              | 60.0                                 |
| 62.0                                 | 45.0                               | 112.9                                    | 3 700*                             | 47.0                               | 114.7                                    | 4 600*                             | 49.8                               | 117.0                                    | 6 100*                             | 52.4                               | 118.9                                    | 7 100                              | 62.0                                 |
| 64.0                                 | 42.9                               | 110.7                                    | 3 500*                             | 44.9                               | 112.7                                    | 4 400*                             | 47.8                               | 115.2                                    | 5 800*                             | 50.5                               | 117.3                                    | 6 700*                             | 64.0                                 |
| 66.0                                 | 40.7                               | 108.4                                    | 3 300*                             | 42.8                               | 110.5                                    | 4 100*                             | 45.8                               | 113.2                                    | 5 500*                             | 48.6                               | 115.5                                    | 6 200*                             | 66.0                                 |
| 68.0                                 | 38.4                               | 105.9                                    | 3 100*                             | 40.6                               | 108.2                                    | 3 900*                             | 43.7                               | 111.1                                    | 5 200*                             | 46.7                               | 113.6                                    | 5 800*                             | 68.0                                 |
| 70.0                                 | 36.0                               | 103.2                                    | 2 900*                             | 38.3                               | 105.7                                    | 3 700*                             | 41.6                               | 108.9                                    | 4 900*                             | 44.6                               | 111.6                                    | 5 400*                             | 70.0                                 |
| 72.0                                 | 33.4                               | 100.2                                    | 2 800*                             | 35.9                               | 102.9                                    | 3 500*                             | 39.3                               | 106.4                                    | 4 600*                             | 42.5                               | 109.4                                    | 5 000*                             | 72.0                                 |
| 74.0                                 | 30.7                               | 96.8                                     | 2 600*                             | 33.3                               | 99.9                                     | 3 300*                             | 37.0                               | 103.8                                    | 4 300*                             | 40.3                               | 107.0                                    | 4 700*                             | 74.0                                 |
| 76.0                                 | 27.6                               | 93.1                                     | 2 500*                             | 30.5                               | 96.5                                     | 3 100*                             | 34.4                               | 100.9                                    | 4 100*                             | 38.0                               | 104.5                                    | 4 300*                             | 76.0                                 |
| 78.0                                 | 24.2                               | 88.8                                     | 2 400*                             | 27.5                               | 92.8                                     | 2 900*                             | 31.7                               | 97.7                                     | 3 900*                             | 35.5                               | 101.7                                    | 4 000*                             | 78.0                                 |
| 80.0                                 | 20.2                               | 83.6                                     | 2 300*                             | 24.0                               | 88.4                                     | 2 800*                             | 28.8                               | 94.1                                     | 3 700*                             | 32.9                               | 98.6                                     | 3 700*                             | 80.0                                 |
| 82.0                                 | 15.3                               | 76.9                                     | 2 300*                             | 20.0                               | 83.2                                     | 2 700*                             | 25.6                               | 90.1                                     | 3 400*                             | 30.1                               | 95.2                                     | 3 400*                             | 82.0                                 |
| 84.0                                 |                                    |                                          |                                    | 15.0                               | 76.5                                     | 2 600*                             | 21.8                               | 85.3                                     | 3 100*                             | 27.0                               | 91.4                                     | 3 100*                             | 84.0                                 |
| 86.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 17.3                               | 79.3                                     | 2 800*                             | 23.5                               | 86.9                                     | 2 800*                             | 86.0                                 |
| 88.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 11.0                               | 70.7                                     | 2 500*                             | 19.4                               | 81.5                                     | 2 600*                             | 88.0                                 |
| 90.0                                 |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 14.0                               | 74.4                                     | 2 300*                             | 90.0                                 |



# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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

## 999 SERIES 3

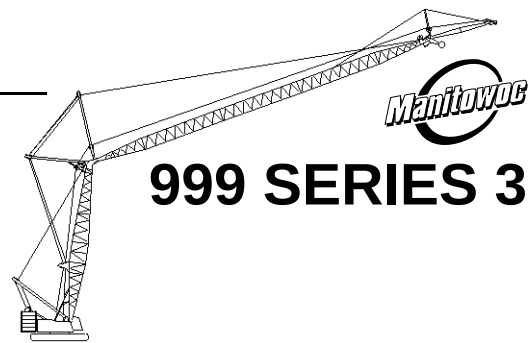
**54.9m (180 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib, 18.3m (60 Ft.) Fixed Jib**

| Fixed Jib<br>Oper.<br>Rad.<br>Meters | 88 Degree<br>Boom Angle            |                                          |                                    | 86 Degree<br>Boom Angle            |                                          |                                    | 83 Degree<br>Boom Angle            |                                          |                                    | 80 Degree<br>Boom Angle            |                                          |                                    | Fixed Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|--------------------------------------|
|                                      | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms |                                      |
| 24.4                                 | 74.9                               | 125.3                                    | 9 100*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 24.4                                 |
| 26.0                                 | 73.5                               | 124.8                                    | 9 100*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 26.0                                 |
| 28.0                                 | 71.8                               | 124.2                                    | 9 000*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 28.0                                 |
| 30.0                                 | 70.1                               | 123.4                                    | 8 900*                             | 71.7                               | 124.0                                    | 10 400*                            |                                    |                                          |                                    |                                    |                                          |                                    | 30.0                                 |
| 32.0                                 | 68.4                               | 122.6                                    | 8 700*                             | 70.0                               | 123.3                                    | 10 300*                            |                                    |                                          |                                    |                                    |                                          |                                    | 32.0                                 |
| 34.0                                 | 66.6                               | 121.7                                    | 8 700*                             | 68.3                               | 122.4                                    | 10 300*                            |                                    |                                          |                                    |                                    |                                          |                                    | 34.0                                 |
| 36.0                                 | 64.8                               | 120.8                                    | 8 500*                             | 66.5                               | 121.6                                    | 10 100*                            | 69.0                               | 122.5                                    | 10 200*                            |                                    |                                          |                                    | 36.0                                 |
| 38.0                                 | 63.0                               | 119.7                                    | 8 400*                             | 64.7                               | 120.6                                    | 10 000*                            | 67.3                               | 121.6                                    | 10 200*                            |                                    |                                          |                                    | 38.0                                 |
| 40.0                                 | 61.1                               | 118.6                                    | 7 800*                             | 62.9                               | 119.6                                    | 9 500*                             | 65.5                               | 120.7                                    | 10 100*                            |                                    |                                          |                                    | 40.0                                 |
| 42.0                                 | 59.2                               | 117.4                                    | 7 400*                             | 61.0                               | 118.4                                    | 8 900*                             | 63.7                               | 119.7                                    | 10 000*                            | 66.2                               | 120.7                                    | 9 900*                             | 42.0                                 |
| 44.0                                 | 57.3                               | 116.1                                    | 6 900*                             | 59.2                               | 117.2                                    | 8 400*                             | 61.8                               | 118.6                                    | 9 900*                             | 64.4                               | 119.7                                    | 9 900*                             | 44.0                                 |
| 46.0                                 | 55.3                               | 114.7                                    | 6 400*                             | 57.2                               | 115.9                                    | 7 900*                             | 60.0                               | 117.5                                    | 9 900*                             | 62.6                               | 118.6                                    | 9 800*                             | 46.0                                 |
| 48.0                                 | 53.3                               | 113.2                                    | 6 000*                             | 55.3                               | 114.5                                    | 7 400*                             | 58.1                               | 116.2                                    | 9 400*                             | 60.8                               | 117.5                                    | 9 700*                             | 48.0                                 |
| 50.0                                 | 51.2                               | 111.6                                    | 5 600*                             | 53.2                               | 113.0                                    | 6 900*                             | 56.1                               | 114.8                                    | 8 900*                             | 58.9                               | 116.3                                    | 9 700*                             | 50.0                                 |
| 52.0                                 | 49.1                               | 109.9                                    | 5 200*                             | 51.1                               | 111.4                                    | 6 400*                             | 54.1                               | 113.4                                    | 8 400*                             | 56.9                               | 115.0                                    | 9 300*                             | 52.0                                 |
| 54.0                                 | 46.9                               | 108.0                                    | 4 900*                             | 49.0                               | 109.6                                    | 6 000*                             | 52.0                               | 111.8                                    | 8 000*                             | 54.9                               | 113.5                                    | 8 800*                             | 54.0                                 |
| 56.0                                 | 44.6                               | 105.9                                    | 4 500*                             | 46.8                               | 107.8                                    | 5 600*                             | 49.9                               | 110.1                                    | 7 500*                             | 52.9                               | 112.0                                    | 8 400*                             | 56.0                                 |
| 58.0                                 | 42.2                               | 103.7                                    | 4 200*                             | 44.5                               | 105.7                                    | 5 200*                             | 47.7                               | 108.3                                    | 7 100*                             | 50.8                               | 110.4                                    | 8 000*                             | 58.0                                 |
| 60.0                                 | 39.6                               | 101.3                                    | 4 000*                             | 42.0                               | 103.5                                    | 4 900*                             | 45.5                               | 106.3                                    | 6 600*                             | 48.7                               | 108.6                                    | 7 600*                             | 60.0                                 |
| 62.0                                 | 36.9                               | 98.7                                     | 3 700*                             | 39.5                               | 101.1                                    | 4 600*                             | 43.1                               | 104.2                                    | 6 100*                             | 46.4                               | 106.7                                    | 7 200*                             | 62.0                                 |
| 64.0                                 | 34.1                               | 95.7                                     | 3 400*                             | 36.8                               | 98.4                                     | 4 300*                             | 40.6                               | 101.8                                    | 5 700*                             | 44.1                               | 104.6                                    | 6 900*                             | 64.0                                 |
| 66.0                                 | 31.0                               | 92.4                                     | 3 300*                             | 33.9                               | 95.5                                     | 4 000*                             | 38.0                               | 99.3                                     | 5 400*                             | 41.7                               | 102.4                                    | 6 600*                             | 66.0                                 |
| 68.0                                 | 27.5                               | 88.7                                     | 3 000*                             | 30.8                               | 92.1                                     | 3 700*                             | 35.2                               | 96.4                                     | 5 000*                             | 39.1                               | 99.9                                     | 6 300*                             | 68.0                                 |
| 70.0                                 | 23.6                               | 84.2                                     | 2 900*                             | 27.3                               | 88.4                                     | 3 500*                             | 32.2                               | 93.3                                     | 4 600*                             | 36.4                               | 97.2                                     | 6 000*                             | 70.0                                 |
| 72.0                                 | 18.8                               | 78.7                                     | 2 800*                             | 23.4                               | 83.9                                     | 3 300*                             | 28.9                               | 89.7                                     | 4 300*                             | 33.5                               | 94.2                                     | 5 800*                             | 72.0                                 |
| 74.0                                 | 12.3                               | 70.9                                     | 2 700*                             | 18.6                               | 78.3                                     | 3 200*                             | 25.2                               | 85.6                                     | 4 100*                             | 30.3                               | 90.8                                     | 5 500*                             | 74.0                                 |
| 76.0                                 |                                    |                                          |                                    | 11.9                               | 70.3                                     | 3 000*                             | 20.8                               | 80.6                                     | 3 800*                             | 26.8                               | 86.9                                     | 5 100*                             | 76.0                                 |
| 78.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 15.2                               | 73.9                                     | 3 600*                             | 22.7                               | 82.3                                     | 4 800*                             | 78.0                                 |
| 80.0                                 |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 17.7                               | 76.5                                     | 4 500*                             | 80.0                                 |
| 82.0                                 |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 10.5                               | 67.8                                     | 4 200*                             | 82.0                                 |

# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

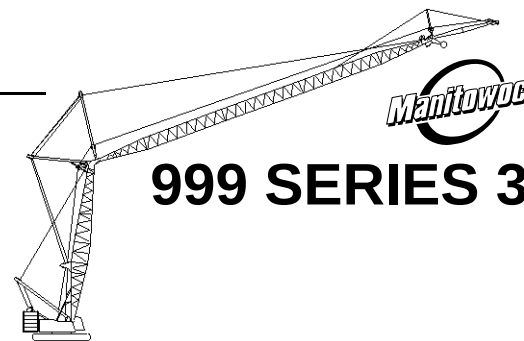
Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 999 SERIES 3

**54.9m (180 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib, 18.3m (60 Ft.) Fixed Jib**

| Fixed Jib<br>Oper.<br>Rad.<br>Meters | 88 Degree<br>Boom Angle            |                                          |                                    | 86 Degree<br>Boom Angle            |                                          |                                    | 83 Degree<br>Boom Angle            |                                          |                                    | 80 Degree<br>Boom Angle            |                                          |                                    | Fixed Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|--------------------------------------|
|                                      | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms |                                      |
| 25.9                                 | 74.3                               | 128.1                                    | 8 600*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 25.9                                 |
| 26.0                                 | 74.2                               | 128.0                                    | 8 600*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 26.0                                 |
| 28.0                                 | 72.6                               | 127.4                                    | 8 600*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 28.0                                 |
| 30.0                                 | 71.0                               | 126.7                                    | 8 500*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 30.0                                 |
| 32.0                                 | 69.3                               | 125.9                                    | 8 400*                             | 70.9                               | 126.5                                    | 9 800*                             |                                    |                                          |                                    |                                    |                                          |                                    | 32.0                                 |
| 34.0                                 | 67.6                               | 125.1                                    | 8 300*                             | 69.2                               | 125.7                                    | 9 800*                             |                                    |                                          |                                    |                                    |                                          |                                    | 34.0                                 |
| 36.0                                 | 65.9                               | 124.2                                    | 8 100*                             | 67.5                               | 124.9                                    | 9 700*                             |                                    |                                          |                                    |                                    |                                          |                                    | 36.0                                 |
| 38.0                                 | 64.2                               | 123.2                                    | 8 100*                             | 65.8                               | 124.0                                    | 9 600*                             | 68.3                               | 125.0                                    | 9 700*                             |                                    |                                          |                                    | 38.0                                 |
| 40.0                                 | 62.4                               | 122.1                                    | 7 600*                             | 64.1                               | 123.0                                    | 9 100*                             | 66.6                               | 124.1                                    | 9 600*                             |                                    |                                          |                                    | 40.0                                 |
| 42.0                                 | 60.7                               | 121.0                                    | 7 200*                             | 62.4                               | 121.9                                    | 8 600*                             | 64.9                               | 123.1                                    | 9 600*                             |                                    |                                          |                                    | 42.0                                 |
| 44.0                                 | 58.8                               | 119.8                                    | 6 700*                             | 60.6                               | 120.8                                    | 8 200*                             | 63.1                               | 122.1                                    | 9 500*                             | 65.6                               | 123.1                                    | 9 400*                             | 44.0                                 |
| 46.0                                 | 57.0                               | 118.4                                    | 6 300*                             | 58.8                               | 119.6                                    | 7 700*                             | 61.3                               | 121.0                                    | 9 400*                             | 63.8                               | 122.1                                    | 9 400*                             | 46.0                                 |
| 48.0                                 | 55.1                               | 117.0                                    | 5 900*                             | 56.9                               | 118.3                                    | 7 300*                             | 59.5                               | 119.8                                    | 9 100*                             | 62.1                               | 121.0                                    | 9 400*                             | 48.0                                 |
| 50.0                                 | 53.1                               | 115.5                                    | 5 500*                             | 55.0                               | 116.8                                    | 6 800*                             | 57.7                               | 118.5                                    | 8 500*                             | 60.3                               | 119.8                                    | 9 400*                             | 50.0                                 |
| 52.0                                 | 51.1                               | 113.9                                    | 5 100*                             | 53.1                               | 115.3                                    | 6 400*                             | 55.8                               | 117.2                                    | 8 100*                             | 58.5                               | 118.6                                    | 8 900*                             | 52.0                                 |
| 54.0                                 | 49.1                               | 112.2                                    | 4 800*                             | 51.1                               | 113.7                                    | 6 000*                             | 53.9                               | 115.7                                    | 7 700*                             | 56.6                               | 117.3                                    | 8 500*                             | 54.0                                 |
| 56.0                                 | 47.0                               | 110.3                                    | 4 500*                             | 49.0                               | 111.9                                    | 5 600*                             | 51.9                               | 114.1                                    | 7 300*                             | 54.7                               | 115.8                                    | 8 100*                             | 56.0                                 |
| 58.0                                 | 44.8                               | 108.3                                    | 4 200*                             | 46.9                               | 110.1                                    | 5 200*                             | 49.9                               | 112.4                                    | 7 000*                             | 52.8                               | 114.3                                    | 7 600*                             | 58.0                                 |
| 60.0                                 | 42.5                               | 106.1                                    | 3 900*                             | 44.7                               | 108.0                                    | 4 900*                             | 47.8                               | 110.6                                    | 6 500*                             | 50.7                               | 112.7                                    | 7 300*                             | 60.0                                 |
| 62.0                                 | 40.1                               | 103.7                                    | 3 700*                             | 42.4                               | 105.8                                    | 4 600*                             | 45.6                               | 108.6                                    | 6 100*                             | 48.7                               | 110.9                                    | 7 000*                             | 62.0                                 |
| 64.0                                 | 37.5                               | 101.1                                    | 3 400*                             | 39.9                               | 103.5                                    | 4 300*                             | 43.4                               | 106.5                                    | 5 800*                             | 46.5                               | 109.0                                    | 6 700*                             | 64.0                                 |
| 66.0                                 | 34.8                               | 98.2                                     | 3 200*                             | 37.4                               | 100.8                                    | 4 000*                             | 41.0                               | 104.2                                    | 5 400*                             | 44.3                               | 106.9                                    | 6 400*                             | 66.0                                 |
| 68.0                                 | 31.9                               | 95.0                                     | 3 000*                             | 34.7                               | 98.0                                     | 3 700*                             | 38.5                               | 101.7                                    | 5 000*                             | 42.0                               | 104.7                                    | 6 100*                             | 68.0                                 |
| 70.0                                 | 28.7                               | 91.5                                     | 2 900*                             | 31.8                               | 94.8                                     | 3 500*                             | 35.9                               | 98.9                                     | 4 700*                             | 39.6                               | 102.3                                    | 5 800*                             | 70.0                                 |
| 72.0                                 | 25.1                               | 87.3                                     | 2 700*                             | 28.6                               | 91.2                                     | 3 300*                             | 33.0                               | 95.9                                     | 4 400*                             | 37.0                               | 99.6                                     | 5 600*                             | 72.0                                 |
| 74.0                                 | 21.0                               | 82.3                                     | 2 600*                             | 25.0                               | 87.0                                     | 3 100*                             | 30.0                               | 92.4                                     | 4 200*                             | 34.3                               | 96.7                                     | 5 300*                             | 74.0                                 |
| 76.0                                 | 15.7                               | 75.8                                     | 2 500*                             | 20.8                               | 81.9                                     | 3 000*                             | 26.6                               | 88.5                                     | 3 900*                             | 31.3                               | 93.5                                     | 5 000*                             | 76.0                                 |
| 78.0                                 |                                    |                                          |                                    | 15.4                               | 75.4                                     | 2 900*                             | 22.7                               | 83.9                                     | 3 700*                             | 28.0                               | 89.8                                     | 4 700*                             | 78.0                                 |
| 80.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 17.9                               | 78.1                                     | 3 500*                             | 24.4                               | 85.5                                     | 4 400*                             | 80.0                                 |
| 82.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 11.2                               | 69.7                                     | 3 400*                             | 20.0                               | 80.3                                     | 4 100*                             | 82.0                                 |
| 84.0                                 |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 14.4                               | 73.3                                     | 3 800*                             | 84.0                                 |



# Liftcrane Fixed Jib Capacities

**999 SERIES 3**

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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

**54.9m (180 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib, 18.3m (60 Ft.) Fixed Jib**

| Fixed Jib Oper. Rad. Meters | 88 Degree Boom Angle      |                              |                              | 86 Degree Boom Angle      |                              |                              | 83 Degree Boom Angle      |                              |                              | 80 Degree Boom Angle      |                              |                              | Fixed Jib Oper. Rad. Meters |
|-----------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|-----------------------------|
|                             | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms |                             |
| 25.9                        | 74.9                      | 131.2                        | 8 200*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 25.9                        |
| 26.0                        | 74.9                      | 131.2                        | 8 200*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 26.0                        |
| 28.0                        | 73.3                      | 130.6                        | 8 100*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 28.0                        |
| 30.0                        | 71.7                      | 129.9                        | 8 000*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 30.0                        |
| 32.0                        | 70.2                      | 129.2                        | 7 900*                       | 71.7                      | 129.8                        | 9 300*                       |                           |                              |                              |                           |                              |                              | 32.0                        |
| 34.0                        | 68.6                      | 128.4                        | 7 900*                       | 70.1                      | 129.0                        | 9 300*                       |                           |                              |                              |                           |                              |                              | 34.0                        |
| 36.0                        | 66.9                      | 127.5                        | 7 700*                       | 68.5                      | 128.2                        | 9 200*                       |                           |                              |                              |                           |                              |                              | 36.0                        |
| 38.0                        | 65.3                      | 126.6                        | 7 600*                       | 66.9                      | 127.4                        | 9 100*                       |                           |                              |                              |                           |                              |                              | 38.0                        |
| 40.0                        | 63.6                      | 125.6                        | 7 400*                       | 65.2                      | 126.4                        | 8 800*                       | 67.6                      | 127.4                        | 9 200*                       |                           |                              |                              | 40.0                        |
| 42.0                        | 61.9                      | 124.5                        | 7 000*                       | 63.6                      | 125.4                        | 8 400*                       | 65.9                      | 126.5                        | 9 100*                       |                           |                              |                              | 42.0                        |
| 44.0                        | 60.2                      | 123.3                        | 6 600*                       | 61.9                      | 124.3                        | 7 900*                       | 64.3                      | 125.5                        | 9 100*                       |                           |                              |                              | 44.0                        |
| 46.0                        | 58.5                      | 122.1                        | 6 200*                       | 60.1                      | 123.2                        | 7 500*                       | 62.6                      | 124.5                        | 9 000*                       | 65.0                      | 125.5                        | 8 900*                       | 46.0                        |
| 48.0                        | 56.7                      | 120.8                        | 5 800*                       | 58.4                      | 121.9                        | 7 100*                       | 60.9                      | 123.4                        | 8 900*                       | 63.3                      | 124.5                        | 8 900*                       | 48.0                        |
| 50.0                        | 54.9                      | 119.3                        | 5 400*                       | 56.6                      | 120.6                        | 6 700*                       | 59.1                      | 122.1                        | 8 600*                       | 61.6                      | 123.4                        | 8 900*                       | 50.0                        |
| 52.0                        | 53.0                      | 117.8                        | 5 100*                       | 54.8                      | 119.2                        | 6 300*                       | 57.4                      | 120.9                        | 8 200*                       | 59.9                      | 122.2                        | 8 900*                       | 52.0                        |
| 54.0                        | 51.1                      | 116.2                        | 4 700*                       | 52.9                      | 117.6                        | 5 900*                       | 55.6                      | 119.5                        | 7 800*                       | 58.1                      | 120.9                        | 8 800*                       | 54.0                        |
| 56.0                        | 49.1                      | 114.5                        | 4 500*                       | 51.0                      | 116.0                        | 5 600*                       | 53.7                      | 118.0                        | 7 300*                       | 56.3                      | 119.6                        | 8 400*                       | 56.0                        |
| 58.0                        | 47.0                      | 112.6                        | 4 200*                       | 49.0                      | 114.2                        | 5 200*                       | 51.8                      | 116.4                        | 6 900*                       | 54.5                      | 118.2                        | 8 000*                       | 58.0                        |
| 60.0                        | 44.9                      | 110.6                        | 3 900*                       | 47.0                      | 112.4                        | 4 900*                       | 49.9                      | 114.7                        | 6 500*                       | 52.6                      | 116.6                        | 7 700*                       | 60.0                        |
| 62.0                        | 42.7                      | 108.4                        | 3 700*                       | 44.8                      | 110.4                        | 4 600*                       | 47.8                      | 112.9                        | 6 100*                       | 50.7                      | 115.0                        | 7 300*                       | 62.0                        |
| 64.0                        | 40.4                      | 106.1                        | 3 400*                       | 42.6                      | 108.2                        | 4 300*                       | 45.8                      | 110.9                        | 5 800*                       | 48.7                      | 113.2                        | 7 000*                       | 64.0                        |
| 66.0                        | 38.0                      | 103.5                        | 3 200*                       | 40.3                      | 105.8                        | 4 000*                       | 43.6                      | 108.8                        | 5 400*                       | 46.6                      | 111.3                        | 6 700                        | 66.0                        |
| 68.0                        | 35.5                      | 100.7                        | 3 000*                       | 37.9                      | 103.3                        | 3 800*                       | 41.3                      | 106.5                        | 5 100*                       | 44.5                      | 109.3                        | 6 300                        | 68.0                        |
| 70.0                        | 32.7                      | 97.6                         | 2 900*                       | 35.4                      | 100.5                        | 3 500*                       | 39.0                      | 104.1                        | 4 800*                       | 42.3                      | 107.1                        | 6 000*                       | 70.0                        |
| 72.0                        | 29.8                      | 94.2                         | 2 700*                       | 32.6                      | 97.4                         | 3 400*                       | 36.5                      | 101.4                        | 4 500*                       | 40.0                      | 104.7                        | 5 500*                       | 72.0                        |
| 74.0                        | 26.5                      | 90.2                         | 2 600*                       | 29.6                      | 93.9                         | 3 100*                       | 33.8                      | 98.4                         | 4 200*                       | 37.5                      | 102.1                        | 5 200*                       | 74.0                        |
| 76.0                        | 22.8                      | 85.6                         | 2 500*                       | 26.3                      | 89.9                         | 3 000*                       | 30.9                      | 95.1                         | 4 000*                       | 35.0                      | 99.2                         | 4 800*                       | 76.0                        |
| 78.0                        | 18.3                      | 79.9                         | 2 400*                       | 22.6                      | 85.3                         | 2 800*                       | 27.8                      | 91.4                         | 3 700*                       | 32.2                      | 96.1                         | 4 500*                       | 78.0                        |
| 80.0                        | 12.1                      | 72.0                         | 2 300*                       | 18.0                      | 79.5                         | 2 700*                       | 24.3                      | 87.1                         | 3 500*                       | 29.2                      | 92.5                         | 4 200*                       | 80.0                        |
| 82.0                        |                           |                              |                              | 11.8                      | 71.4                         | 2 700*                       | 20.1                      | 81.9                         | 3 400*                       | 25.8                      | 88.5                         | 3 900*                       | 82.0                        |
| 84.0                        |                           |                              |                              |                           |                              |                              | 14.8                      | 75.0                         | 3 200*                       | 21.9                      | 83.7                         | 3 600*                       | 84.0                        |
| 86.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 17.2                      | 77.7                         | 3 400*                       | 86.0                        |
| 88.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 10.5                      | 68.8                         | 3 100*                       | 88.0                        |

# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

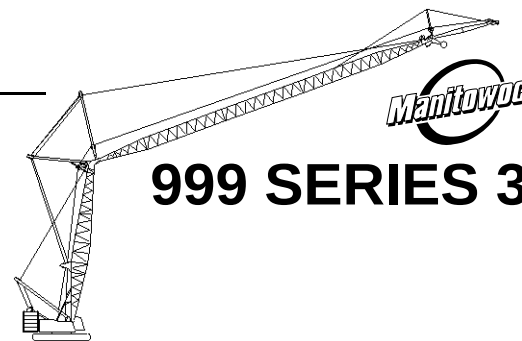
Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 999 SERIES 3

**54.9m (180 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib, 18.3m (60 Ft.) Fixed Jib**

| Fixed Jib<br>Oper.<br>Rad.<br>Meters | 88 Degree<br>Boom Angle            |                                          |                                    | 86 Degree<br>Boom Angle            |                                          |                                    | 83 Degree<br>Boom Angle            |                                          |                                    | 80 Degree<br>Boom Angle            |                                          |                                    | Fixed Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|--------------------------------------|
|                                      | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms |                                      |
| 27.4                                 | 74.4                               | 134.0                                    | 7 700*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 27.4                                 |
| 28.0                                 | 74.0                               | 133.8                                    | 7 600*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 28.0                                 |
| 30.0                                 | 72.5                               | 133.1                                    | 7 600*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 30.0                                 |
| 32.0                                 | 70.9                               | 132.4                                    | 7 500*                             | 72.4                               | 133.0                                    | 8 800*                             |                                    |                                          |                                    |                                    |                                          |                                    | 32.0                                 |
| 34.0                                 | 69.4                               | 131.7                                    | 7 400*                             | 70.9                               | 132.3                                    | 8 800*                             |                                    |                                          |                                    |                                    |                                          |                                    | 34.0                                 |
| 36.0                                 | 67.9                               | 130.8                                    | 7 300*                             | 69.3                               | 131.5                                    | 8 700*                             |                                    |                                          |                                    |                                    |                                          |                                    | 36.0                                 |
| 38.0                                 | 66.3                               | 130.0                                    | 7 200*                             | 67.8                               | 130.7                                    | 8 600*                             |                                    |                                          |                                    |                                    |                                          |                                    | 38.0                                 |
| 40.0                                 | 64.7                               | 129.0                                    | 7 100*                             | 66.2                               | 129.8                                    | 8 400*                             | 68.5                               | 130.7                                    | 8 600*                             |                                    |                                          |                                    | 40.0                                 |
| 42.0                                 | 63.1                               | 128.0                                    | 6 700*                             | 64.6                               | 128.8                                    | 8 000*                             | 66.9                               | 129.9                                    | 8 600*                             |                                    |                                          |                                    | 42.0                                 |
| 44.0                                 | 61.5                               | 126.9                                    | 6 300*                             | 63.0                               | 127.8                                    | 7 600*                             | 65.3                               | 128.9                                    | 8 600*                             |                                    |                                          |                                    | 44.0                                 |
| 46.0                                 | 59.8                               | 125.7                                    | 6 000*                             | 61.4                               | 126.7                                    | 7 200*                             | 63.7                               | 127.9                                    | 8 500*                             | 66.0                               | 128.9                                    | 8 400*                             | 46.0                                 |
| 48.0                                 | 58.1                               | 124.4                                    | 5 600*                             | 59.7                               | 125.5                                    | 6 900*                             | 62.1                               | 126.9                                    | 8 500*                             | 64.4                               | 127.9                                    | 8 400*                             | 48.0                                 |
| 50.0                                 | 56.4                               | 123.1                                    | 5 300*                             | 58.0                               | 124.2                                    | 6 500*                             | 60.4                               | 125.7                                    | 8 300*                             | 62.8                               | 126.9                                    | 8 400*                             | 50.0                                 |
| 52.0                                 | 54.6                               | 121.7                                    | 5 000*                             | 56.3                               | 122.9                                    | 6 100*                             | 58.8                               | 124.5                                    | 7 900*                             | 61.1                               | 125.7                                    | 8 400*                             | 52.0                                 |
| 54.0                                 | 52.8                               | 120.1                                    | 4 700*                             | 54.6                               | 121.5                                    | 5 800*                             | 57.1                               | 123.2                                    | 7 500*                             | 59.5                               | 124.5                                    | 8 400*                             | 54.0                                 |
| 56.0                                 | 51.0                               | 118.5                                    | 4 400*                             | 52.7                               | 119.9                                    | 5 400*                             | 55.3                               | 121.8                                    | 7 100*                             | 57.8                               | 123.3                                    | 8 100*                             | 56.0                                 |
| 58.0                                 | 49.1                               | 116.8                                    | 4 100*                             | 50.9                               | 118.3                                    | 5 100*                             | 53.5                               | 120.3                                    | 6 800*                             | 56.0                               | 121.9                                    | 7 700*                             | 58.0                                 |
| 60.0                                 | 47.1                               | 114.9                                    | 3 900*                             | 49.0                               | 116.5                                    | 4 800*                             | 51.7                               | 118.7                                    | 6 400*                             | 54.3                               | 120.5                                    | 7 400*                             | 60.0                                 |
| 62.0                                 | 45.1                               | 112.9                                    | 3 600*                             | 47.0                               | 114.7                                    | 4 500*                             | 49.8                               | 117.0                                    | 6 100*                             | 52.5                               | 118.9                                    | 7 000*                             | 62.0                                 |
| 64.0                                 | 43.0                               | 110.7                                    | 3 400*                             | 45.0                               | 112.7                                    | 4 300*                             | 47.9                               | 115.2                                    | 5 700*                             | 50.6                               | 117.3                                    | 6 800*                             | 64.0                                 |
| 66.0                                 | 40.8                               | 108.4                                    | 3 200*                             | 42.9                               | 110.5                                    | 4 000*                             | 45.9                               | 113.2                                    | 5 400*                             | 48.7                               | 115.5                                    | 6 400*                             | 66.0                                 |
| 68.0                                 | 38.5                               | 105.9                                    | 3 000*                             | 40.7                               | 108.2                                    | 3 800*                             | 43.8                               | 111.1                                    | 5 100*                             | 46.7                               | 113.6                                    | 6 000*                             | 68.0                                 |
| 70.0                                 | 36.1                               | 103.2                                    | 2 800*                             | 38.4                               | 105.7                                    | 3 500*                             | 41.7                               | 108.9                                    | 4 800*                             | 44.7                               | 111.6                                    | 5 600*                             | 70.0                                 |
| 72.0                                 | 33.5                               | 100.2                                    | 2 700*                             | 36.0                               | 102.9                                    | 3 300*                             | 39.4                               | 106.5                                    | 4 500*                             | 42.6                               | 109.4                                    | 5 300*                             | 72.0                                 |
| 74.0                                 | 30.7                               | 96.8                                     | 2 500*                             | 33.4                               | 99.9                                     | 3 100*                             | 37.0                               | 103.8                                    | 4 200*                             | 40.4                               | 107.0                                    | 4 900*                             | 74.0                                 |
| 76.0                                 | 27.7                               | 93.1                                     | 2 400*                             | 30.6                               | 96.6                                     | 3 000*                             | 34.5                               | 100.9                                    | 4 000*                             | 38.0                               | 104.5                                    | 4 600*                             | 76.0                                 |
| 78.0                                 | 24.3                               | 88.8                                     | 2 300*                             | 27.5                               | 92.8                                     | 2 800*                             | 31.8                               | 97.7                                     | 3 700*                             | 35.6                               | 101.7                                    | 4 200*                             | 78.0                                 |
| 80.0                                 | 20.3                               | 83.6                                     | 2 200*                             | 24.1                               | 88.5                                     | 2 700*                             | 28.9                               | 94.2                                     | 3 600*                             | 33.0                               | 98.6                                     | 3 900*                             | 80.0                                 |
| 82.0                                 | 15.3                               | 77.0                                     | 2 200*                             | 20.1                               | 83.2                                     | 2 600*                             | 25.6                               | 90.1                                     | 3 400*                             | 30.1                               | 95.2                                     | 3 600*                             | 82.0                                 |
| 84.0                                 |                                    |                                          |                                    | 15.1                               | 76.5                                     | 2 500*                             | 21.9                               | 85.3                                     | 3 200*                             | 27.0                               | 91.4                                     | 3 400*                             | 84.0                                 |
| 86.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 17.4                               | 79.3                                     | 3 000*                             | 23.5                               | 86.9                                     | 3 100*                             | 86.0                                 |
| 88.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 11.1                               | 70.8                                     | 2 800*                             | 19.4                               | 81.6                                     | 2 800*                             | 88.0                                 |
| 90.0                                 |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 14.1                               | 74.4                                     | 2 600*                             | 90.0                                 |



# Liftcrane Fixed Jib Capacities

**999 SERIES 3**

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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

**54.9m (180 Ft.) Boom, 64.0m (210 Ft.) Luffing Jib, 18.3m (60 Ft.) Fixed Jib**

| Fixed Jib Oper. Rad. Meters | 88 Degree Boom Angle      |                              |                              | 86 Degree Boom Angle      |                              |                              | 83 Degree Boom Angle      |                              |                              | 80 Degree Boom Angle      |                              |                              | Fixed Jib Oper. Rad. Meters |
|-----------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|-----------------------------|
|                             | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms |                             |
| 27.4                        | 75.0                      | 137.1                        | 7 300*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 27.4                        |
| 28.0                        | 74.6                      | 137.0                        | 7 200*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 28.0                        |
| 30.0                        | 73.1                      | 136.4                        | 7 100*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 30.0                        |
| 32.0                        | 71.7                      | 135.7                        | 7 100*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 32.0                        |
| 34.0                        | 70.2                      | 134.9                        | 7 000*                       | 71.6                      | 135.5                        | 8 200*                       |                           |                              |                              |                           |                              |                              | 34.0                        |
| 36.0                        | 68.7                      | 134.1                        | 6 900*                       | 70.1                      | 134.8                        | 8 200*                       |                           |                              |                              |                           |                              |                              | 36.0                        |
| 38.0                        | 67.2                      | 133.3                        | 6 800*                       | 68.7                      | 134.0                        | 8 100*                       |                           |                              |                              |                           |                              |                              | 38.0                        |
| 40.0                        | 65.7                      | 132.4                        | 6 700*                       | 67.2                      | 133.1                        | 8 000*                       | 69.3                      | 134.0                        | 8 100*                       |                           |                              |                              | 40.0                        |
| 42.0                        | 64.2                      | 131.4                        | 6 500*                       | 65.6                      | 132.2                        | 7 700*                       | 67.8                      | 133.2                        | 8 100*                       |                           |                              |                              | 42.0                        |
| 44.0                        | 62.6                      | 130.4                        | 6 100*                       | 64.1                      | 131.2                        | 7 300*                       | 66.3                      | 132.3                        | 8 000*                       |                           |                              |                              | 44.0                        |
| 46.0                        | 61.0                      | 129.2                        | 5 800*                       | 62.5                      | 130.2                        | 7 000*                       | 64.8                      | 131.3                        | 8 000*                       |                           |                              |                              | 46.0                        |
| 48.0                        | 59.4                      | 128.0                        | 5 500*                       | 61.0                      | 129.1                        | 6 700*                       | 63.2                      | 130.3                        | 8 000*                       | 65.4                      | 131.3                        | 7 800*                       | 48.0                        |
| 50.0                        | 57.8                      | 126.8                        | 5 200*                       | 59.4                      | 127.9                        | 6 300*                       | 61.6                      | 129.2                        | 7 900*                       | 63.9                      | 130.3                        | 7 800*                       | 50.0                        |
| 52.0                        | 56.1                      | 125.4                        | 4 900*                       | 57.7                      | 126.6                        | 6 000*                       | 60.0                      | 128.1                        | 7 600*                       | 62.3                      | 129.2                        | 7 800*                       | 52.0                        |
| 54.0                        | 54.4                      | 124.0                        | 4 600*                       | 56.1                      | 125.2                        | 5 700*                       | 58.4                      | 126.8                        | 7 300*                       | 60.7                      | 128.1                        | 7 800*                       | 54.0                        |
| 56.0                        | 52.7                      | 122.4                        | 4 300*                       | 54.4                      | 123.8                        | 5 400*                       | 56.8                      | 125.5                        | 6 900*                       | 59.1                      | 126.9                        | 7 700*                       | 56.0                        |
| 58.0                        | 50.9                      | 120.8                        | 4 000*                       | 52.6                      | 122.2                        | 5 000*                       | 55.1                      | 124.1                        | 6 600*                       | 57.5                      | 125.6                        | 7 300*                       | 58.0                        |
| 60.0                        | 49.1                      | 119.1                        | 3 800*                       | 50.8                      | 120.6                        | 4 800*                       | 53.4                      | 122.6                        | 6 300*                       | 55.8                      | 124.2                        | 7 000*                       | 60.0                        |
| 62.0                        | 47.2                      | 117.2                        | 3 600*                       | 49.0                      | 118.8                        | 4 500*                       | 51.6                      | 121.0                        | 5 900*                       | 54.1                      | 122.8                        | 6 700*                       | 62.0                        |
| 64.0                        | 45.3                      | 115.2                        | 3 400*                       | 47.1                      | 117.0                        | 4 200*                       | 49.8                      | 119.3                        | 5 600*                       | 52.3                      | 121.2                        | 6 400*                       | 64.0                        |
| 66.0                        | 43.2                      | 113.1                        | 3 200*                       | 45.2                      | 115.0                        | 4 000*                       | 47.9                      | 117.5                        | 5 300*                       | 50.6                      | 119.6                        | 6 100*                       | 66.0                        |
| 68.0                        | 41.1                      | 110.8                        | 3 000*                       | 43.1                      | 112.8                        | 3 700*                       | 46.0                      | 115.5                        | 5 000*                       | 48.7                      | 117.8                        | 5 800*                       | 68.0                        |
| 70.0                        | 38.9                      | 108.3                        | 2 800*                       | 41.0                      | 110.6                        | 3 500*                       | 44.0                      | 113.5                        | 4 700*                       | 46.8                      | 115.9                        | 5 400*                       | 70.0                        |
| 72.0                        | 36.6                      | 105.6                        | 2 600*                       | 38.8                      | 108.1                        | 3 300*                       | 42.0                      | 111.2                        | 4 500*                       | 44.9                      | 113.9                        | 5 000*                       | 72.0                        |
| 74.0                        | 34.2                      | 102.7                        | 2 500*                       | 36.5                      | 105.4                        | 3 100*                       | 39.8                      | 108.8                        | 4 200*                       | 42.8                      | 111.7                        | 4 700*                       | 74.0                        |
| 76.0                        | 31.6                      | 99.5                         | 2 400*                       | 34.1                      | 102.4                        | 3 000*                       | 37.5                      | 106.2                        | 4 000*                       | 40.7                      | 109.4                        | 4 300*                       | 76.0                        |
| 78.0                        | 28.7                      | 95.9                         | 2 200*                       | 31.5                      | 99.2                         | 2 800*                       | 35.2                      | 103.4                        | 3 800*                       | 38.5                      | 106.9                        | 4 000*                       | 78.0                        |
| 80.0                        | 25.6                      | 91.8                         | 2 100*                       | 28.6                      | 95.6                         | 2 700*                       | 32.6                      | 100.3                        | 3 600*                       | 36.2                      | 104.2                        | 3 700*                       | 80.0                        |
| 82.0                        | 22.0                      | 87.0                         | 1 900*                       | 25.5                      | 91.5                         | 2 600*                       | 29.9                      | 96.9                         | 3 400*                       | 33.7                      | 101.2                        | 3 400*                       | 82.0                        |
| 84.0                        | 17.8                      | 81.2                         | 1 900*                       | 21.9                      | 86.7                         | 2 400*                       | 26.9                      | 93.0                         | 3 100*                       | 31.0                      | 97.9                         | 3 100*                       | 84.0                        |
| 86.0                        |                           |                              |                              | 17.6                      | 80.7                         | 2 300*                       | 23.5                      | 88.5                         | 2 900*                       | 28.1                      | 94.2                         | 2 900*                       | 86.0                        |
| 88.0                        |                           |                              |                              | 11.7                      | 72.4                         | 2 100*                       | 19.5                      | 83.2                         | 2 600*                       | 24.9                      | 90.0                         | 2 600*                       | 88.0                        |
| 90.0                        |                           |                              |                              |                           |                              |                              | 14.5                      | 76.1                         | 2 300*                       | 21.3                      | 85.1                         | 2 300*                       | 90.0                        |
| 92.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 16.8                      | 78.9                         | 2 100*                       | 92.0                        |
| 94.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 10.4                      | 69.9                         | 1 900*                       | 94.0                        |

# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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



## 999 SERIES 3

**54.9m (180 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib, 21.3m (70 Ft.) Fixed Jib**

| Fixed Jib<br>Oper.<br>Rad.<br>Meters | 88 Degree<br>Boom Angle            |                                          |                                    | 86 Degree<br>Boom Angle            |                                          |                                    | 83 Degree<br>Boom Angle            |                                          |                                    | 80 Degree<br>Boom Angle            |                                          |                                    | Fixed Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|--------------------------------------|
|                                      | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms |                                      |
| 25.9                                 | 74.2                               | 128.1                                    | 7 400*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 25.9                                 |
| 26.0                                 | 74.1                               | 128.0                                    | 7 400*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 26.0                                 |
| 28.0                                 | 72.5                               | 127.4                                    | 7 400*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 28.0                                 |
| 30.0                                 | 70.8                               | 126.7                                    | 7 300*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 30.0                                 |
| 32.0                                 | 69.2                               | 125.9                                    | 7 200*                             | 70.8                               | 126.5                                    | 8 400*                             |                                    |                                          |                                    |                                    |                                          |                                    | 32.0                                 |
| 34.0                                 | 67.5                               | 125.1                                    | 7 100*                             | 69.1                               | 125.8                                    | 8 300*                             |                                    |                                          |                                    |                                    |                                          |                                    | 34.0                                 |
| 36.0                                 | 65.8                               | 124.2                                    | 7 000*                             | 67.4                               | 124.9                                    | 8 100*                             |                                    |                                          |                                    |                                    |                                          |                                    | 36.0                                 |
| 38.0                                 | 64.1                               | 123.2                                    | 6 900*                             | 65.7                               | 124.0                                    | 8 000*                             | 68.2                               | 125.0                                    | 8 100*                             |                                    |                                          |                                    | 38.0                                 |
| 40.0                                 | 62.3                               | 122.1                                    | 6 800*                             | 64.0                               | 123.0                                    | 7 900*                             | 66.5                               | 124.1                                    | 8 000*                             |                                    |                                          |                                    | 40.0                                 |
| 42.0                                 | 60.5                               | 121.0                                    | 6 700*                             | 62.3                               | 122.0                                    | 7 800*                             | 64.7                               | 123.2                                    | 7 900*                             |                                    |                                          |                                    | 42.0                                 |
| 44.0                                 | 58.7                               | 119.8                                    | 6 600*                             | 60.5                               | 120.8                                    | 7 700*                             | 63.0                               | 122.1                                    | 7 800*                             | 65.5                               | 123.1                                    | 7 800*                             | 44.0                                 |
| 46.0                                 | 56.9                               | 118.5                                    | 6 200*                             | 58.6                               | 119.6                                    | 7 600*                             | 61.2                               | 121.0                                    | 7 700*                             | 63.7                               | 122.1                                    | 7 700*                             | 46.0                                 |
| 48.0                                 | 55.0                               | 117.1                                    | 5 800*                             | 56.8                               | 118.3                                    | 7 100*                             | 59.4                               | 119.8                                    | 7 600*                             | 62.0                               | 121.0                                    | 7 600*                             | 48.0                                 |
| 50.0                                 | 53.0                               | 115.5                                    | 5 400*                             | 54.9                               | 116.9                                    | 6 700*                             | 57.6                               | 118.5                                    | 7 500*                             | 60.2                               | 119.9                                    | 7 500*                             | 50.0                                 |
| 52.0                                 | 51.0                               | 113.9                                    | 5 100*                             | 53.0                               | 115.4                                    | 6 300*                             | 55.7                               | 117.2                                    | 7 400*                             | 58.4                               | 118.6                                    | 7 400*                             | 52.0                                 |
| 54.0                                 | 49.0                               | 112.2                                    | 4 700*                             | 51.0                               | 113.7                                    | 5 900*                             | 53.8                               | 115.7                                    | 7 300*                             | 56.5                               | 117.3                                    | 7 400*                             | 54.0                                 |
| 56.0                                 | 46.9                               | 110.3                                    | 4 400*                             | 48.9                               | 112.0                                    | 5 500*                             | 51.8                               | 114.1                                    | 7 100*                             | 54.6                               | 115.9                                    | 7 200*                             | 56.0                                 |
| 58.0                                 | 44.7                               | 108.3                                    | 4 100*                             | 46.8                               | 110.1                                    | 5 200*                             | 49.8                               | 112.4                                    | 6 700*                             | 52.6                               | 114.3                                    | 7 200*                             | 58.0                                 |
| 60.0                                 | 42.4                               | 106.1                                    | 3 900*                             | 44.6                               | 108.1                                    | 4 800*                             | 47.7                               | 110.6                                    | 6 400*                             | 50.6                               | 112.7                                    | 7 000*                             | 60.0                                 |
| 62.0                                 | 40.0                               | 103.7                                    | 3 600*                             | 42.3                               | 105.9                                    | 4 500*                             | 45.5                               | 108.6                                    | 6 000*                             | 48.6                               | 110.9                                    | 6 800*                             | 62.0                                 |
| 64.0                                 | 37.4                               | 101.1                                    | 3 400*                             | 39.9                               | 103.5                                    | 4 200*                             | 43.3                               | 106.5                                    | 5 700*                             | 46.4                               | 109.0                                    | 6 400*                             | 64.0                                 |
| 66.0                                 | 34.7                               | 98.3                                     | 3 100*                             | 37.3                               | 100.9                                    | 3 900*                             | 40.9                               | 104.2                                    | 5 300*                             | 44.2                               | 107.0                                    | 6 100*                             | 66.0                                 |
| 68.0                                 | 31.8                               | 95.1                                     | 3 000*                             | 34.6                               | 98.0                                     | 3 600*                             | 38.4                               | 101.7                                    | 4 900*                             | 41.9                               | 104.7                                    | 5 800*                             | 68.0                                 |
| 70.0                                 | 28.6                               | 91.5                                     | 2 800*                             | 31.7                               | 94.8                                     | 3 400*                             | 35.8                               | 99.0                                     | 4 600*                             | 39.5                               | 102.3                                    | 5 500*                             | 70.0                                 |
| 72.0                                 | 25.1                               | 87.4                                     | 2 600*                             | 28.5                               | 91.2                                     | 3 200*                             | 33.0                               | 95.9                                     | 4 300*                             | 36.9                               | 99.7                                     | 5 300*                             | 72.0                                 |
| 74.0                                 | 20.9                               | 82.4                                     | 2 500*                             | 24.9                               | 87.0                                     | 3 000*                             | 29.9                               | 92.5                                     | 4 000*                             | 34.2                               | 96.8                                     | 5 100*                             | 74.0                                 |
| 76.0                                 | 15.7                               | 75.9                                     | 2 400*                             | 20.7                               | 82.0                                     | 2 900*                             | 26.5                               | 88.6                                     | 3 700*                             | 31.2                               | 93.5                                     | 4 900*                             | 76.0                                 |
| 78.0                                 |                                    |                                          |                                    | 15.4                               | 75.4                                     | 2 700*                             | 22.6                               | 84.0                                     | 3 500*                             | 28.0                               | 89.8                                     | 4 600*                             | 78.0                                 |
| 80.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 17.9                               | 78.2                                     | 3 300*                             | 24.3                               | 85.5                                     | 4 400*                             | 80.0                                 |
| 82.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 11.2                               | 69.8                                     | 3 200*                             | 20.0                               | 80.3                                     | 4 100*                             | 82.0                                 |
| 84.0                                 |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 14.4                               | 73.4                                     | 3 900*                             | 84.0                                 |



# Liftcrane Fixed Jib Capacities

**999 SERIES 3**

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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

**54.9m (180 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib, 21.3m (70 Ft.) Fixed Jib**

| Fixed Jib Oper. Rad. Meters | 88 Degree Boom Angle      |                              |                              | 86 Degree Boom Angle      |                              |                              | 83 Degree Boom Angle      |                              |                              | 80 Degree Boom Angle      |                              |                              | Fixed Jib Oper. Rad. Meters |
|-----------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|-----------------------------|
|                             | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms |                             |
| 25.9                        | 74.8                      | 131.3                        | 7 200*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 25.9                        |
| 26.0                        | 74.8                      | 131.2                        | 7 200*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 26.0                        |
| 28.0                        | 73.2                      | 130.6                        | 7 100*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 28.0                        |
| 30.0                        | 71.6                      | 129.9                        | 7 000*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 30.0                        |
| 32.0                        | 70.1                      | 129.2                        | 7 000*                       | 71.6                      | 129.8                        | 8 100*                       |                           |                              |                              |                           |                              |                              | 32.0                        |
| 34.0                        | 68.5                      | 128.4                        | 6 900*                       | 70.0                      | 129.0                        | 8 000*                       |                           |                              |                              |                           |                              |                              | 34.0                        |
| 36.0                        | 66.8                      | 127.5                        | 6 800*                       | 68.4                      | 128.2                        | 7 900*                       |                           |                              |                              |                           |                              |                              | 36.0                        |
| 38.0                        | 65.2                      | 126.6                        | 6 700*                       | 66.8                      | 127.4                        | 7 800*                       |                           |                              |                              |                           |                              |                              | 38.0                        |
| 40.0                        | 63.5                      | 125.6                        | 6 600*                       | 65.1                      | 126.4                        | 7 700*                       | 67.5                      | 127.4                        | 7 800*                       |                           |                              |                              | 40.0                        |
| 42.0                        | 61.8                      | 124.5                        | 6 500*                       | 63.4                      | 125.4                        | 7 700*                       | 65.8                      | 126.5                        | 7 700*                       |                           |                              |                              | 42.0                        |
| 44.0                        | 60.1                      | 123.4                        | 6 400*                       | 61.8                      | 124.3                        | 7 500*                       | 64.2                      | 125.6                        | 7 600*                       |                           |                              |                              | 44.0                        |
| 46.0                        | 58.4                      | 122.1                        | 6 100*                       | 60.0                      | 123.2                        | 7 400*                       | 62.5                      | 124.5                        | 7 600*                       | 64.9                      | 125.5                        | 7 500*                       | 46.0                        |
| 48.0                        | 56.6                      | 120.8                        | 5 700*                       | 58.3                      | 121.9                        | 7 000*                       | 60.8                      | 123.4                        | 7 500*                       | 63.2                      | 124.5                        | 7 500*                       | 48.0                        |
| 50.0                        | 54.8                      | 119.4                        | 5 400*                       | 56.5                      | 120.6                        | 6 600*                       | 59.0                      | 122.2                        | 7 400*                       | 61.5                      | 123.4                        | 7 400*                       | 50.0                        |
| 52.0                        | 52.9                      | 117.9                        | 5 000*                       | 54.7                      | 119.2                        | 6 200*                       | 57.3                      | 120.9                        | 7 300*                       | 59.8                      | 122.2                        | 7 300*                       | 52.0                        |
| 54.0                        | 51.0                      | 116.2                        | 4 700*                       | 52.8                      | 117.7                        | 5 800*                       | 55.5                      | 119.5                        | 7 200*                       | 58.0                      | 121.0                        | 7 200*                       | 54.0                        |
| 56.0                        | 49.0                      | 114.5                        | 4 400*                       | 50.9                      | 116.0                        | 5 500*                       | 53.6                      | 118.0                        | 6 900*                       | 56.2                      | 119.6                        | 7 100*                       | 56.0                        |
| 58.0                        | 47.0                      | 112.6                        | 4 100*                       | 48.9                      | 114.3                        | 5 100*                       | 51.7                      | 116.4                        | 6 500*                       | 54.4                      | 118.2                        | 7 100*                       | 58.0                        |
| 60.0                        | 44.8                      | 110.6                        | 3 800*                       | 46.9                      | 112.4                        | 4 800*                       | 49.8                      | 114.7                        | 6 200*                       | 52.5                      | 116.6                        | 6 900*                       | 60.0                        |
| 62.0                        | 42.7                      | 108.4                        | 3 600*                       | 44.8                      | 110.4                        | 4 500*                       | 47.7                      | 112.9                        | 5 900*                       | 50.6                      | 115.0                        | 6 500*                       | 62.0                        |
| 64.0                        | 40.4                      | 106.1                        | 3 400*                       | 42.6                      | 108.2                        | 4 200*                       | 45.7                      | 111.0                        | 5 600*                       | 48.6                      | 113.2                        | 6 200*                       | 64.0                        |
| 66.0                        | 37.9                      | 103.5                        | 3 200*                       | 40.3                      | 105.9                        | 3 900*                       | 43.5                      | 108.9                        | 5 300*                       | 46.5                      | 111.3                        | 5 900*                       | 66.0                        |
| 68.0                        | 35.4                      | 100.7                        | 2 900*                       | 37.8                      | 103.3                        | 3 700*                       | 41.3                      | 106.6                        | 5 000*                       | 44.4                      | 109.3                        | 5 600*                       | 68.0                        |
| 70.0                        | 32.7                      | 97.7                         | 2 800*                       | 35.3                      | 100.5                        | 3 500*                       | 38.9                      | 104.1                        | 4 600*                       | 42.2                      | 107.1                        | 5 400*                       | 70.0                        |
| 72.0                        | 29.7                      | 94.2                         | 2 600*                       | 32.5                      | 97.4                         | 3 200*                       | 36.4                      | 101.4                        | 4 400*                       | 39.9                      | 104.7                        | 5 100*                       | 72.0                        |
| 74.0                        | 26.4                      | 90.3                         | 2 500*                       | 29.6                      | 93.9                         | 3 000*                       | 33.7                      | 98.5                         | 4 100*                       | 37.5                      | 102.1                        | 4 900*                       | 74.0                        |
| 76.0                        | 22.7                      | 85.7                         | 2 400*                       | 26.3                      | 90.0                         | 2 900*                       | 30.9                      | 95.2                         | 3 800*                       | 34.9                      | 99.3                         | 4 700*                       | 76.0                        |
| 78.0                        | 18.2                      | 80.0                         | 2 300*                       | 22.5                      | 85.4                         | 2 700*                       | 27.7                      | 91.4                         | 3 600*                       | 32.1                      | 96.1                         | 4 500*                       | 78.0                        |
| 80.0                        | 12.1                      | 72.1                         | 2 200*                       | 18.0                      | 79.6                         | 2 600*                       | 24.2                      | 87.1                         | 3 400*                       | 29.1                      | 92.6                         | 4 300*                       | 80.0                        |
| 82.0                        |                           |                              |                              | 11.8                      | 71.5                         | 2 500*                       | 20.0                      | 81.9                         | 3 200*                       | 25.7                      | 88.6                         | 4 100*                       | 82.0                        |
| 84.0                        |                           |                              |                              |                           |                              |                              | 14.8                      | 75.1                         | 3 000*                       | 21.9                      | 83.8                         | 3 900*                       | 84.0                        |
| 86.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 17.2                      | 77.8                         | 3 600*                       | 86.0                        |
| 88.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 10.4                      | 69.0                         | 3 400*                       | 88.0                        |

# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

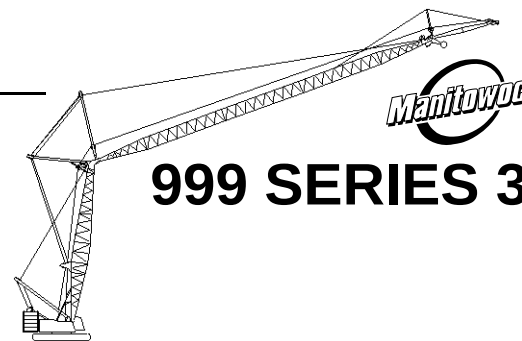
Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 999 SERIES 3

**54.9m (180 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib, 21.3m (70 Ft.) Fixed Jib**

| Fixed Jib<br>Oper.<br>Rad.<br>Meters | 88 Degree<br>Boom Angle            |                                          |                                    | 86 Degree<br>Boom Angle            |                                          |                                    | 83 Degree<br>Boom Angle            |                                          |                                    | 80 Degree<br>Boom Angle            |                                          |                                    | Fixed Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|--------------------------------------|
|                                      | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms |                                      |
| 27.4                                 | 74.3                               | 134.0                                    | 6 900*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 27.4                                 |
| 28.0                                 | 73.9                               | 133.8                                    | 6 900*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 28.0                                 |
| 30.0                                 | 72.4                               | 133.2                                    | 6 800*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 30.0                                 |
| 32.0                                 | 70.8                               | 132.5                                    | 6 700*                             | 72.3                               | 133.0                                    | 7 800*                             |                                    |                                          |                                    |                                    |                                          |                                    | 32.0                                 |
| 34.0                                 | 69.3                               | 131.7                                    | 6 600*                             | 70.8                               | 132.3                                    | 7 800*                             |                                    |                                          |                                    |                                    |                                          |                                    | 34.0                                 |
| 36.0                                 | 67.8                               | 130.9                                    | 6 600*                             | 69.2                               | 131.5                                    | 7 700*                             |                                    |                                          |                                    |                                    |                                          |                                    | 36.0                                 |
| 38.0                                 | 66.2                               | 130.0                                    | 6 500*                             | 67.7                               | 130.7                                    | 7 600*                             |                                    |                                          |                                    |                                    |                                          |                                    | 38.0                                 |
| 40.0                                 | 64.6                               | 129.0                                    | 6 400*                             | 66.1                               | 129.8                                    | 7 600*                             | 68.4                               | 130.8                                    | 7 600*                             |                                    |                                          |                                    | 40.0                                 |
| 42.0                                 | 63.0                               | 128.0                                    | 6 300*                             | 64.5                               | 128.8                                    | 7 400*                             | 66.8                               | 129.9                                    | 7 500*                             |                                    |                                          |                                    | 42.0                                 |
| 44.0                                 | 61.4                               | 126.9                                    | 6 200*                             | 62.9                               | 127.8                                    | 7 400*                             | 65.2                               | 129.0                                    | 7 400*                             |                                    |                                          |                                    | 44.0                                 |
| 46.0                                 | 59.7                               | 125.7                                    | 5 900*                             | 61.3                               | 126.7                                    | 7 200*                             | 63.6                               | 128.0                                    | 7 300*                             | 65.9                               | 128.9                                    | 7 300*                             | 46.0                                 |
| 48.0                                 | 58.0                               | 124.5                                    | 5 600*                             | 59.6                               | 125.5                                    | 6 800*                             | 62.0                               | 126.9                                    | 7 300*                             | 64.3                               | 127.9                                    | 7 300*                             | 48.0                                 |
| 50.0                                 | 56.3                               | 123.1                                    | 5 300*                             | 57.9                               | 124.3                                    | 6 400*                             | 60.4                               | 125.7                                    | 7 200*                             | 62.7                               | 126.9                                    | 7 200*                             | 50.0                                 |
| 52.0                                 | 54.5                               | 121.7                                    | 5 000*                             | 56.2                               | 122.9                                    | 6 100*                             | 58.7                               | 124.5                                    | 7 100*                             | 61.0                               | 125.8                                    | 7 100*                             | 52.0                                 |
| 54.0                                 | 52.7                               | 120.2                                    | 4 600*                             | 54.5                               | 121.5                                    | 5 700*                             | 57.0                               | 123.2                                    | 7 100*                             | 59.4                               | 124.6                                    | 7 100*                             | 54.0                                 |
| 56.0                                 | 50.9                               | 118.5                                    | 4 400*                             | 52.7                               | 120.0                                    | 5 400*                             | 55.2                               | 121.8                                    | 7 000*                             | 57.7                               | 123.3                                    | 7 000*                             | 56.0                                 |
| 58.0                                 | 49.0                               | 116.8                                    | 4 100*                             | 50.8                               | 118.3                                    | 5 100*                             | 53.4                               | 120.3                                    | 6 700*                             | 56.0                               | 121.9                                    | 6 900*                             | 58.0                                 |
| 60.0                                 | 47.0                               | 114.9                                    | 3 800*                             | 48.9                               | 116.6                                    | 4 800*                             | 51.6                               | 118.7                                    | 6 300*                             | 54.2                               | 120.5                                    | 6 900*                             | 60.0                                 |
| 62.0                                 | 45.0                               | 112.9                                    | 3 600*                             | 46.9                               | 114.7                                    | 4 500*                             | 49.7                               | 117.0                                    | 6 000*                             | 52.4                               | 118.9                                    | 6 800*                             | 62.0                                 |
| 64.0                                 | 42.9                               | 110.8                                    | 3 400*                             | 44.9                               | 112.7                                    | 4 200*                             | 47.8                               | 115.2                                    | 5 600*                             | 50.5                               | 117.3                                    | 6 500*                             | 64.0                                 |
| 66.0                                 | 40.7                               | 108.5                                    | 3 100*                             | 42.8                               | 110.5                                    | 3 900*                             | 45.8                               | 113.3                                    | 5 300*                             | 48.6                               | 115.5                                    | 6 200*                             | 66.0                                 |
| 68.0                                 | 38.4                               | 105.9                                    | 3 000*                             | 40.6                               | 108.2                                    | 3 700*                             | 43.7                               | 111.2                                    | 5 000*                             | 46.6                               | 113.6                                    | 5 900*                             | 68.0                                 |
| 70.0                                 | 36.0                               | 103.2                                    | 2 800*                             | 38.3                               | 105.7                                    | 3 500*                             | 41.6                               | 108.9                                    | 4 700*                             | 44.6                               | 111.6                                    | 5 600*                             | 70.0                                 |
| 72.0                                 | 33.4                               | 100.2                                    | 2 600*                             | 35.9                               | 103.0                                    | 3 300*                             | 39.3                               | 106.5                                    | 4 400*                             | 42.5                               | 109.4                                    | 5 400*                             | 72.0                                 |
| 74.0                                 | 30.6                               | 96.9                                     | 2 500*                             | 33.3                               | 100.0                                    | 3 000*                             | 36.9                               | 103.9                                    | 4 200*                             | 40.3                               | 107.1                                    | 5 200*                             | 74.0                                 |
| 76.0                                 | 27.6                               | 93.1                                     | 2 300*                             | 30.5                               | 96.6                                     | 2 900*                             | 34.4                               | 101.0                                    | 3 900*                             | 38.0                               | 104.5                                    | 4 900*                             | 76.0                                 |
| 78.0                                 | 24.2                               | 88.8                                     | 2 200*                             | 27.5                               | 92.8                                     | 2 700*                             | 31.7                               | 97.8                                     | 3 600*                             | 35.5                               | 101.7                                    | 4 600*                             | 78.0                                 |
| 80.0                                 | 20.3                               | 83.7                                     | 2 100*                             | 24.1                               | 88.5                                     | 2 600*                             | 28.8                               | 94.2                                     | 3 400*                             | 32.9                               | 98.7                                     | 4 300*                             | 80.0                                 |
| 82.0                                 | 15.3                               | 77.1                                     | 2 100*                             | 20.1                               | 83.3                                     | 2 500*                             | 25.6                               | 90.1                                     | 3 200*                             | 30.1                               | 95.3                                     | 4 000*                             | 82.0                                 |
| 84.0                                 |                                    |                                          |                                    | 15.0                               | 76.6                                     | 2 400*                             | 21.9                               | 85.4                                     | 3 100*                             | 27.0                               | 91.4                                     | 3 700*                             | 84.0                                 |
| 86.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 17.4                               | 79.4                                     | 2 900*                             | 23.5                               | 87.0                                     | 3 500*                             | 86.0                                 |
| 88.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 11.1                               | 70.9                                     | 2 800*                             | 19.4                               | 81.6                                     | 3 200*                             | 88.0                                 |
| 90.0                                 |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 14.1                               | 74.5                                     | 3 000*                             | 90.0                                 |



# Liftcrane Fixed Jib Capacities

**999 SERIES 3**

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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

**54.9m (180 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib, 21.3m (70 Ft.) Fixed Jib**

| Fixed Jib Oper. Rad. Meters | 88 Degree Boom Angle      |                              |                              | 86 Degree Boom Angle      |                              |                              | 83 Degree Boom Angle      |                              |                              | 80 Degree Boom Angle      |                              |                              | Fixed Jib Oper. Rad. Meters |
|-----------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|-----------------------------|
|                             | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms |                             |
| 27.4                        | 74.9                      | 137.2                        | 6 600*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 27.4                        |
| 28.0                        | 74.5                      | 137.0                        | 6 600*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 28.0                        |
| 30.0                        | 73.0                      | 136.4                        | 6 500*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 30.0                        |
| 32.0                        | 71.6                      | 135.7                        | 6 400*                       | 73.0                      | 136.2                        | 7 600*                       |                           |                              |                              |                           |                              |                              | 32.0                        |
| 34.0                        | 70.1                      | 135.0                        | 6 400*                       | 71.5                      | 135.5                        | 7 500*                       |                           |                              |                              |                           |                              |                              | 34.0                        |
| 36.0                        | 68.6                      | 134.2                        | 6 300*                       | 70.0                      | 134.8                        | 7 400*                       |                           |                              |                              |                           |                              |                              | 36.0                        |
| 38.0                        | 67.1                      | 133.3                        | 6 200*                       | 68.6                      | 134.0                        | 7 300*                       |                           |                              |                              |                           |                              |                              | 38.0                        |
| 40.0                        | 65.6                      | 132.4                        | 6 200*                       | 67.1                      | 133.2                        | 7 300*                       | 69.2                      | 134.0                        | 7 300*                       |                           |                              |                              | 40.0                        |
| 42.0                        | 64.1                      | 131.4                        | 6 100*                       | 65.5                      | 132.2                        | 7 200*                       | 67.7                      | 133.2                        | 7 200*                       |                           |                              |                              | 42.0                        |
| 44.0                        | 62.5                      | 130.4                        | 6 000*                       | 64.0                      | 131.3                        | 7 100*                       | 66.2                      | 132.3                        | 7 200*                       |                           |                              |                              | 44.0                        |
| 46.0                        | 60.9                      | 129.3                        | 5 800*                       | 62.5                      | 130.2                        | 6 900*                       | 64.7                      | 131.4                        | 7 100*                       |                           |                              |                              | 46.0                        |
| 48.0                        | 59.3                      | 128.1                        | 5 400*                       | 60.9                      | 129.1                        | 6 600*                       | 63.1                      | 130.4                        | 7 100*                       | 65.3                      | 131.3                        | 7 000*                       | 48.0                        |
| 50.0                        | 57.7                      | 126.8                        | 5 100*                       | 59.3                      | 127.9                        | 6 200*                       | 61.6                      | 129.3                        | 7 000*                       | 63.8                      | 130.3                        | 7 000*                       | 50.0                        |
| 52.0                        | 56.0                      | 125.4                        | 4 800*                       | 57.6                      | 126.6                        | 5 900*                       | 60.0                      | 128.1                        | 7 000*                       | 62.2                      | 129.3                        | 6 900*                       | 52.0                        |
| 54.0                        | 54.3                      | 124.0                        | 4 500*                       | 56.0                      | 125.3                        | 5 600*                       | 58.3                      | 126.9                        | 6 900*                       | 60.6                      | 128.1                        | 6 900*                       | 54.0                        |
| 56.0                        | 52.6                      | 122.5                        | 4 300*                       | 54.3                      | 123.8                        | 5 300*                       | 56.7                      | 125.5                        | 6 800*                       | 59.0                      | 126.9                        | 6 800*                       | 56.0                        |
| 58.0                        | 50.8                      | 120.8                        | 4 000*                       | 52.5                      | 122.3                        | 5 000*                       | 55.0                      | 124.1                        | 6 600*                       | 57.4                      | 125.6                        | 6 800*                       | 58.0                        |
| 60.0                        | 49.0                      | 119.1                        | 3 800*                       | 50.7                      | 120.6                        | 4 700*                       | 53.3                      | 122.6                        | 6 200*                       | 55.7                      | 124.3                        | 6 800*                       | 60.0                        |
| 62.0                        | 47.1                      | 117.2                        | 3 500*                       | 48.9                      | 118.9                        | 4 400*                       | 51.5                      | 121.0                        | 5 900*                       | 54.0                      | 122.8                        | 6 600*                       | 62.0                        |
| 64.0                        | 45.2                      | 115.2                        | 3 300*                       | 47.0                      | 117.0                        | 4 200*                       | 49.7                      | 119.3                        | 5 600*                       | 52.3                      | 121.2                        | 6 300*                       | 64.0                        |
| 66.0                        | 43.2                      | 113.1                        | 3 100*                       | 45.1                      | 115.0                        | 3 900*                       | 47.8                      | 117.5                        | 5 300*                       | 50.5                      | 119.6                        | 6 000*                       | 66.0                        |
| 68.0                        | 41.1                      | 110.8                        | 2 900*                       | 43.1                      | 112.9                        | 3 700*                       | 45.9                      | 115.6                        | 5 000*                       | 48.6                      | 117.8                        | 5 700*                       | 68.0                        |
| 70.0                        | 38.9                      | 108.3                        | 2 700*                       | 41.0                      | 110.6                        | 3 500*                       | 43.9                      | 113.5                        | 4 700*                       | 46.7                      | 115.9                        | 5 500*                       | 70.0                        |
| 72.0                        | 36.6                      | 105.7                        | 2 600*                       | 38.8                      | 108.1                        | 3 300*                       | 41.9                      | 111.3                        | 4 400*                       | 44.8                      | 113.9                        | 5 300*                       | 72.0                        |
| 74.0                        | 34.1                      | 102.7                        | 2 400*                       | 36.5                      | 105.4                        | 3 000*                       | 39.7                      | 108.9                        | 4 200*                       | 42.7                      | 111.8                        | 5 000*                       | 74.0                        |
| 76.0                        | 31.5                      | 99.5                         | 2 300*                       | 34.0                      | 102.5                        | 2 900*                       | 37.5                      | 106.3                        | 3 900*                       | 40.6                      | 109.4                        | 4 600*                       | 76.0                        |
| 78.0                        | 28.7                      | 95.9                         | 2 200*                       | 31.4                      | 99.2                         | 2 700*                       | 35.1                      | 103.5                        | 3 700*                       | 38.4                      | 106.9                        | 4 300*                       | 78.0                        |
| 80.0                        | 25.5                      | 91.9                         | 2 100*                       | 28.5                      | 95.6                         | 2 600*                       | 32.5                      | 100.4                        | 3 500*                       | 36.1                      | 104.2                        | 4 000*                       | 80.0                        |
| 82.0                        | 22.0                      | 87.1                         | 1 900*                       | 25.4                      | 91.5                         | 2 500*                       | 29.8                      | 96.9                         | 3 300*                       | 33.6                      | 101.2                        | 3 700*                       | 82.0                        |
| 84.0                        | 17.7                      | 81.2                         | 1 800*                       | 21.8                      | 86.7                         | 2 300*                       | 26.8                      | 93.0                         | 3 100*                       | 31.0                      | 97.9                         | 3 500*                       | 84.0                        |
| 86.0                        | 12.0                      | 73.1                         | 1 800*                       | 17.5                      | 80.8                         | 2 200*                       | 23.4                      | 88.6                         | 2 900*                       | 28.1                      | 94.3                         | 3 200*                       | 86.0                        |
| 88.0                        |                           |                              |                              | 11.6                      | 72.6                         | 2 200*                       | 19.5                      | 83.2                         | 2 800*                       | 24.9                      | 90.1                         | 2 900*                       | 88.0                        |
| 90.0                        |                           |                              |                              |                           |                              |                              | 14.5                      | 76.2                         | 2 700*                       | 21.2                      | 85.1                         | 2 700*                       | 90.0                        |
| 92.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 16.7                      | 79.0                         | 2 500*                       | 92.0                        |
| 94.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 10.4                      | 70.0                         | 2 200*                       | 94.0                        |

# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

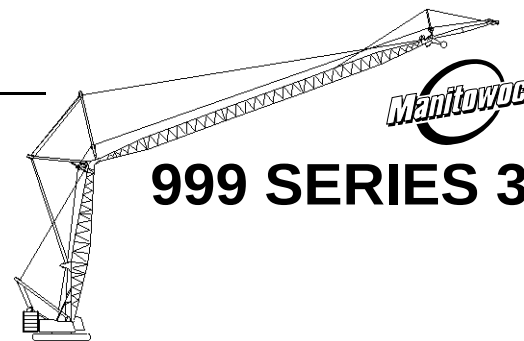
Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 999 SERIES 3

**54.9m (180 Ft.) Boom, 64.0m (210 Ft.) Luffing Jib, 21.3m (70 Ft.) Fixed Jib**

| Fixed Jib<br>Oper.<br>Rad.<br>Meters | 88 Degree<br>Boom Angle            |                                          |                                    | 86 Degree<br>Boom Angle            |                                          |                                    | 83 Degree<br>Boom Angle            |                                          |                                    | 80 Degree<br>Boom Angle            |                                          |                                    | Fixed Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|--------------------------------------|
|                                      | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms |                                      |
| 29.0                                 | 74.4                               | 139.9                                    | 6 200*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 29.0                                 |
| 30.0                                 | 73.7                               | 139.6                                    | 6 200*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 30.0                                 |
| 32.0                                 | 72.3                               | 138.9                                    | 6 200*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 32.0                                 |
| 34.0                                 | 70.8                               | 138.2                                    | 6 100*                             | 72.2                               | 138.8                                    | 7 100*                             |                                    |                                          |                                    |                                    |                                          |                                    | 34.0                                 |
| 36.0                                 | 69.4                               | 137.5                                    | 6 000*                             | 70.8                               | 138.1                                    | 7 100*                             |                                    |                                          |                                    |                                    |                                          |                                    | 36.0                                 |
| 38.0                                 | 68.0                               | 136.6                                    | 6 000*                             | 69.4                               | 137.3                                    | 7 000*                             |                                    |                                          |                                    |                                    |                                          |                                    | 38.0                                 |
| 40.0                                 | 66.5                               | 135.8                                    | 5 900*                             | 67.9                               | 136.5                                    | 7 000*                             |                                    |                                          |                                    |                                    |                                          |                                    | 40.0                                 |
| 42.0                                 | 65.1                               | 134.8                                    | 5 800*                             | 66.5                               | 135.6                                    | 6 900*                             | 68.5                               | 136.5                                    | 6 900*                             |                                    |                                          |                                    | 42.0                                 |
| 44.0                                 | 63.6                               | 133.8                                    | 5 800*                             | 65.0                               | 134.7                                    | 6 800*                             | 67.1                               | 135.7                                    | 6 900*                             |                                    |                                          |                                    | 44.0                                 |
| 46.0                                 | 62.1                               | 132.8                                    | 5 600*                             | 63.5                               | 133.7                                    | 6 700*                             | 65.6                               | 134.8                                    | 6 800*                             |                                    |                                          |                                    | 46.0                                 |
| 48.0                                 | 60.5                               | 131.6                                    | 5 300*                             | 62.0                               | 132.6                                    | 6 400*                             | 64.2                               | 133.8                                    | 6 800*                             | 66.2                               | 134.7                                    | 6 700*                             | 48.0                                 |
| 50.0                                 | 59.0                               | 130.4                                    | 5 000*                             | 60.5                               | 131.4                                    | 6 100*                             | 62.7                               | 132.7                                    | 6 800*                             | 64.8                               | 133.7                                    | 6 700*                             | 50.0                                 |
| 52.0                                 | 57.4                               | 129.1                                    | 4 700*                             | 58.9                               | 130.2                                    | 5 800*                             | 61.1                               | 131.6                                    | 6 700*                             | 63.3                               | 132.7                                    | 6 700*                             | 52.0                                 |
| 54.0                                 | 55.8                               | 127.8                                    | 4 400*                             | 57.3                               | 128.9                                    | 5 500*                             | 59.6                               | 130.4                                    | 6 600*                             | 61.8                               | 131.6                                    | 6 600*                             | 54.0                                 |
| 56.0                                 | 54.2                               | 126.3                                    | 4 200*                             | 55.7                               | 127.6                                    | 5 200*                             | 58.0                               | 129.2                                    | 6 600*                             | 60.2                               | 130.5                                    | 6 600*                             | 56.0                                 |
| 58.0                                 | 52.5                               | 124.8                                    | 3 900*                             | 54.1                               | 126.1                                    | 4 900*                             | 56.4                               | 127.9                                    | 6 300*                             | 58.7                               | 129.3                                    | 6 600*                             | 58.0                                 |
| 60.0                                 | 50.8                               | 123.1                                    | 3 700*                             | 52.4                               | 124.6                                    | 4 600*                             | 54.8                               | 126.4                                    | 6 000*                             | 57.1                               | 128.0                                    | 6 400*                             | 60.0                                 |
| 62.0                                 | 49.0                               | 121.4                                    | 3 500*                             | 50.7                               | 122.9                                    | 4 400*                             | 53.1                               | 124.9                                    | 5 700*                             | 55.5                               | 126.6                                    | 6 300*                             | 62.0                                 |
| 64.0                                 | 47.2                               | 119.5                                    | 3 300*                             | 48.9                               | 121.2                                    | 4 100*                             | 51.4                               | 123.3                                    | 5 400*                             | 53.8                               | 125.1                                    | 5 900*                             | 64.0                                 |
| 66.0                                 | 45.3                               | 117.5                                    | 3 100*                             | 47.1                               | 119.3                                    | 3 900*                             | 49.7                               | 121.6                                    | 5 200*                             | 52.1                               | 123.6                                    | 5 700*                             | 66.0                                 |
| 68.0                                 | 43.4                               | 115.4                                    | 2 900*                             | 45.2                               | 117.3                                    | 3 600*                             | 47.9                               | 119.8                                    | 4 900*                             | 50.4                               | 121.9                                    | 5 400*                             | 68.0                                 |
| 70.0                                 | 41.4                               | 113.2                                    | 2 700*                             | 43.3                               | 115.2                                    | 3 500*                             | 46.0                               | 117.9                                    | 4 600*                             | 48.6                               | 120.1                                    | 5 200*                             | 70.0                                 |
| 72.0                                 | 39.3                               | 110.7                                    | 2 600*                             | 41.3                               | 112.9                                    | 3 200*                             | 44.1                               | 115.8                                    | 4 400*                             | 46.8                               | 118.2                                    | 5 000*                             | 72.0                                 |
| 74.0                                 | 37.1                               | 108.1                                    | 2 400*                             | 39.2                               | 110.5                                    | 3 000*                             | 42.1                               | 113.6                                    | 4 100*                             | 44.9                               | 116.2                                    | 4 700*                             | 74.0                                 |
| 76.0                                 | 34.7                               | 105.2                                    | 2 200*                             | 37.0                               | 107.9                                    | 2 900*                             | 40.1                               | 111.3                                    | 3 900*                             | 43.0                               | 114.1                                    | 4 400*                             | 76.0                                 |
| 78.0                                 | 32.3                               | 102.1                                    | 2 000*                             | 34.6                               | 105.0                                    | 2 700*                             | 37.9                               | 108.7                                    | 3 700*                             | 41.0                               | 111.8                                    | 4 100*                             | 78.0                                 |
| 80.0                                 | 29.6                               | 98.6                                     | 1 800*                             | 32.2                               | 101.8                                    | 2 600*                             | 35.7                               | 105.9                                    | 3 500*                             | 38.8                               | 109.3                                    | 3 800*                             | 80.0                                 |
| 82.0                                 |                                    |                                          |                                    | 29.5                               | 98.4                                     | 2 400*                             | 33.2                               | 102.9                                    | 3 300*                             | 36.6                               | 106.7                                    | 3 500*                             | 82.0                                 |
| 84.0                                 |                                    |                                          |                                    | 26.6                               | 94.5                                     | 2 300*                             | 30.7                               | 99.6                                     | 3 100*                             | 34.3                               | 103.7                                    | 3 200*                             | 84.0                                 |
| 86.0                                 |                                    |                                          |                                    | 23.3                               | 90.0                                     | 2 200*                             | 27.9                               | 95.9                                     | 2 900*                             | 31.8                               | 100.6                                    | 3 000*                             | 86.0                                 |
| 88.0                                 |                                    |                                          |                                    | 19.5                               | 84.6                                     | 2 100*                             | 24.8                               | 91.7                                     | 2 700*                             | 29.1                               | 97.0                                     | 2 700*                             | 88.0                                 |
| 90.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 21.2                               | 86.7                                     | 2 500*                             | 26.1                               | 93.0                                     | 2 400*                             | 90.0                                 |
| 92.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 16.9                               | 80.6                                     | 2 200*                             | 22.8                               | 88.4                                     | 2 200*                             | 92.0                                 |
| 94.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 11.1                               | 72.0                                     | 2 000*                             | 18.8                               | 82.9                                     | 2 000*                             | 94.0                                 |
| 96.0                                 |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 13.8                               | 75.6                                     | 1 800*                             | 96.0                                 |



# Liftcrane Fixed Jib Capacities

**999 SERIES 3**

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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

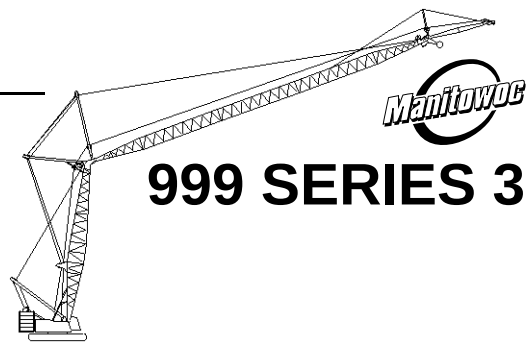
**54.9m (180 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib, 24.4m (80 Ft.) Fixed Jib**

| Fixed Jib Oper. Rad. Meters | 88 Degree Boom Angle      |                              |                              | 86 Degree Boom Angle      |                              |                              | 83 Degree Boom Angle      |                              |                              | 80 Degree Boom Angle      |                              |                              | Fixed Jib Oper. Rad. Meters |
|-----------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|-----------------------------|
|                             | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms |                             |
| 25.9                        | 74.6                      | 131.3                        | 6 000*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 25.9                        |
| 26.0                        | 74.5                      | 131.3                        | 6 000*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 26.0                        |
| 28.0                        | 72.9                      | 130.6                        | 5 900*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 28.0                        |
| 30.0                        | 71.4                      | 130.0                        | 5 800*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 30.0                        |
| 32.0                        | 69.8                      | 129.2                        | 5 700*                       | 71.3                      | 129.8                        | 6 700*                       |                           |                              |                              |                           |                              |                              | 32.0                        |
| 34.0                        | 68.2                      | 128.4                        | 5 600*                       | 69.7                      | 129.1                        | 6 500*                       |                           |                              |                              |                           |                              |                              | 34.0                        |
| 36.0                        | 66.6                      | 127.6                        | 5 500*                       | 68.1                      | 128.3                        | 6 400*                       |                           |                              |                              |                           |                              |                              | 36.0                        |
| 38.0                        | 64.9                      | 126.6                        | 5 400*                       | 66.5                      | 127.4                        | 6 400*                       | 68.8                      | 128.3                        | 6 400*                       |                           |                              |                              | 38.0                        |
| 40.0                        | 63.3                      | 125.6                        | 5 300*                       | 64.9                      | 126.5                        | 6 200*                       | 67.2                      | 127.5                        | 6 300*                       |                           |                              |                              | 40.0                        |
| 42.0                        | 61.6                      | 124.5                        | 5 200*                       | 63.2                      | 125.5                        | 6 100*                       | 65.6                      | 126.6                        | 6 200*                       |                           |                              |                              | 42.0                        |
| 44.0                        | 59.9                      | 123.4                        | 5 100*                       | 61.5                      | 124.4                        | 6 000*                       | 63.9                      | 125.6                        | 6 100*                       |                           |                              |                              | 44.0                        |
| 46.0                        | 58.1                      | 122.1                        | 5 100*                       | 59.8                      | 123.2                        | 5 900*                       | 62.2                      | 124.5                        | 6 000*                       | 64.6                      | 125.5                        | 6 000*                       | 46.0                        |
| 48.0                        | 56.3                      | 120.8                        | 5 000*                       | 58.0                      | 122.0                        | 5 800*                       | 60.5                      | 123.4                        | 5 900*                       | 62.9                      | 124.5                        | 6 000*                       | 48.0                        |
| 50.0                        | 54.5                      | 119.4                        | 4 900*                       | 56.2                      | 120.6                        | 5 700*                       | 58.8                      | 122.2                        | 5 800*                       | 61.2                      | 123.4                        | 5 800*                       | 50.0                        |
| 52.0                        | 52.6                      | 117.9                        | 4 800*                       | 54.4                      | 119.2                        | 5 600*                       | 57.0                      | 120.9                        | 5 700*                       | 59.5                      | 122.3                        | 5 700*                       | 52.0                        |
| 54.0                        | 50.7                      | 116.3                        | 4 600*                       | 52.5                      | 117.7                        | 5 500*                       | 55.2                      | 119.5                        | 5 600*                       | 57.8                      | 121.0                        | 5 700*                       | 54.0                        |
| 56.0                        | 48.7                      | 114.5                        | 4 300*                       | 50.6                      | 116.1                        | 5 300*                       | 53.3                      | 118.0                        | 5 500*                       | 56.0                      | 119.7                        | 5 600*                       | 56.0                        |
| 58.0                        | 46.7                      | 112.6                        | 4 000*                       | 48.7                      | 114.3                        | 5 000*                       | 51.5                      | 116.5                        | 5 400*                       | 54.1                      | 118.2                        | 5 500*                       | 58.0                        |
| 60.0                        | 44.6                      | 110.6                        | 3 700*                       | 46.6                      | 112.4                        | 4 700*                       | 49.5                      | 114.8                        | 5 300*                       | 52.3                      | 116.7                        | 5 400*                       | 60.0                        |
| 62.0                        | 42.4                      | 108.5                        | 3 500*                       | 44.5                      | 110.4                        | 4 400*                       | 47.5                      | 112.9                        | 5 200*                       | 50.3                      | 115.0                        | 5 300*                       | 62.0                        |
| 64.0                        | 40.1                      | 106.1                        | 3 300*                       | 42.3                      | 108.2                        | 4 100*                       | 45.4                      | 111.0                        | 5 200*                       | 48.3                      | 113.3                        | 5 300*                       | 64.0                        |
| 66.0                        | 37.7                      | 103.6                        | 3 000*                       | 40.0                      | 105.9                        | 3 800*                       | 43.3                      | 108.9                        | 5 000*                       | 46.3                      | 111.4                        | 5 100*                       | 66.0                        |
| 68.0                        | 35.2                      | 100.8                        | 2 900*                       | 37.6                      | 103.3                        | 3 600*                       | 41.0                      | 106.6                        | 4 900*                       | 44.2                      | 109.3                        | 5 100*                       | 68.0                        |
| 70.0                        | 32.4                      | 97.7                         | 2 700*                       | 35.0                      | 100.5                        | 3 300*                       | 38.6                      | 104.1                        | 4 500*                       | 42.0                      | 107.1                        | 5 000*                       | 70.0                        |
| 72.0                        | 29.5                      | 94.3                         | 2 500*                       | 32.3                      | 97.4                         | 3 100*                       | 36.1                      | 101.5                        | 4 200*                       | 39.6                      | 104.7                        | 4 900*                       | 72.0                        |
| 74.0                        | 26.2                      | 90.4                         | 2 300*                       | 29.3                      | 94.0                         | 2 900*                       | 33.5                      | 98.5                         | 3 900*                       | 37.2                      | 102.2                        | 4 700*                       | 74.0                        |
| 76.0                        | 22.5                      | 85.8                         | 2 200*                       | 26.0                      | 90.0                         | 2 700*                       | 30.6                      | 95.2                         | 3 700*                       | 34.6                      | 99.3                         | 4 500*                       | 76.0                        |
| 78.0                        | 18.0                      | 80.1                         | 2 100*                       | 22.3                      | 85.4                         | 2 600*                       | 27.5                      | 91.5                         | 3 500*                       | 31.9                      | 96.2                         | 4 300*                       | 78.0                        |
| 80.0                        | 11.9                      | 72.2                         | 2 100*                       | 17.8                      | 79.7                         | 2 400*                       | 24.0                      | 87.2                         | 3 200*                       | 28.8                      | 92.6                         | 4 100*                       | 80.0                        |
| 82.0                        |                           |                              |                              | 11.6                      | 71.6                         | 2 400*                       | 19.8                      | 82.0                         | 3 000*                       | 25.5                      | 88.6                         | 3 900*                       | 82.0                        |
| 84.0                        |                           |                              |                              |                           |                              |                              | 14.6                      | 75.2                         | 2 900*                       | 21.7                      | 83.8                         | 3 700*                       | 84.0                        |
| 86.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 17.0                      | 77.9                         | 3 600*                       | 86.0                        |
| 88.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 10.3                      | 69.1                         | 3 400*                       | 88.0                        |

# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

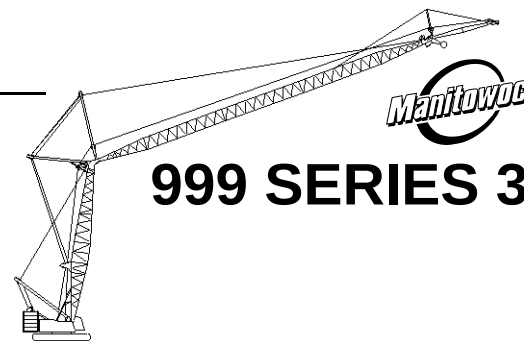
Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 999 SERIES 3

**54.9m (180 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib, 24.4m (80 Ft.) Fixed Jib**

| Fixed Jib<br>Oper.<br>Rad.<br>Meters | 88 Degree<br>Boom Angle            |                                          |                                    | 86 Degree<br>Boom Angle            |                                          |                                    | 83 Degree<br>Boom Angle            |                                          |                                    | 80 Degree<br>Boom Angle            |                                          |                                    | Fixed Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|--------------------------------------|
|                                      | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms |                                      |
| 27.4                                 | 74.0                               | 134.0                                    | 5 800*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 27.4                                 |
| 28.0                                 | 73.6                               | 133.8                                    | 5 800*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 28.0                                 |
| 30.0                                 | 72.1                               | 133.2                                    | 5 700*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 30.0                                 |
| 32.0                                 | 70.6                               | 132.5                                    | 5 600*                             | 72.0                               | 133.0                                    | 6 500*                             |                                    |                                          |                                    |                                    |                                          |                                    | 32.0                                 |
| 34.0                                 | 69.1                               | 131.7                                    | 5 500*                             | 70.5                               | 132.3                                    | 6 500*                             |                                    |                                          |                                    |                                    |                                          |                                    | 34.0                                 |
| 36.0                                 | 67.5                               | 130.9                                    | 5 400*                             | 69.0                               | 131.6                                    | 6 300*                             |                                    |                                          |                                    |                                    |                                          |                                    | 36.0                                 |
| 38.0                                 | 66.0                               | 130.0                                    | 5 300*                             | 67.4                               | 130.7                                    | 6 200*                             |                                    |                                          |                                    |                                    |                                          |                                    | 38.0                                 |
| 40.0                                 | 64.4                               | 129.0                                    | 5 200*                             | 65.9                               | 129.8                                    | 6 100*                             | 68.1                               | 130.8                                    | 6 200*                             |                                    |                                          |                                    | 40.0                                 |
| 42.0                                 | 62.8                               | 128.0                                    | 5 200*                             | 64.3                               | 128.9                                    | 6 000*                             | 66.6                               | 129.9                                    | 6 100*                             |                                    |                                          |                                    | 42.0                                 |
| 44.0                                 | 61.1                               | 126.9                                    | 5 100*                             | 62.7                               | 127.8                                    | 6 000*                             | 65.0                               | 129.0                                    | 6 000*                             |                                    |                                          |                                    | 44.0                                 |
| 46.0                                 | 59.5                               | 125.7                                    | 5 000*                             | 61.0                               | 126.7                                    | 5 800*                             | 63.4                               | 128.0                                    | 5 900*                             | 65.6                               | 128.9                                    | 5 900*                             | 46.0                                 |
| 48.0                                 | 57.8                               | 124.5                                    | 4 900*                             | 59.4                               | 125.6                                    | 5 800*                             | 61.8                               | 126.9                                    | 5 900*                             | 64.0                               | 128.0                                    | 5 900*                             | 48.0                                 |
| 50.0                                 | 56.1                               | 123.1                                    | 4 900*                             | 57.7                               | 124.3                                    | 5 700*                             | 60.1                               | 125.8                                    | 5 700*                             | 62.4                               | 126.9                                    | 5 800*                             | 50.0                                 |
| 52.0                                 | 54.3                               | 121.7                                    | 4 700*                             | 56.0                               | 123.0                                    | 5 600*                             | 58.4                               | 124.5                                    | 5 700*                             | 60.8                               | 125.8                                    | 5 700*                             | 52.0                                 |
| 54.0                                 | 52.5                               | 120.2                                    | 4 500*                             | 54.2                               | 121.5                                    | 5 500*                             | 56.7                               | 123.2                                    | 5 500*                             | 59.1                               | 124.6                                    | 5 600*                             | 54.0                                 |
| 56.0                                 | 50.6                               | 118.6                                    | 4 300*                             | 52.4                               | 120.0                                    | 5 300*                             | 55.0                               | 121.8                                    | 5 500*                             | 57.4                               | 123.3                                    | 5 600*                             | 56.0                                 |
| 58.0                                 | 48.7                               | 116.8                                    | 4 000*                             | 50.6                               | 118.4                                    | 5 000*                             | 53.2                               | 120.3                                    | 5 400*                             | 55.7                               | 122.0                                    | 5 500*                             | 58.0                                 |
| 60.0                                 | 46.8                               | 115.0                                    | 3 700*                             | 48.7                               | 116.6                                    | 4 700*                             | 51.4                               | 118.8                                    | 5 300*                             | 53.9                               | 120.5                                    | 5 400*                             | 60.0                                 |
| 62.0                                 | 44.8                               | 113.0                                    | 3 500*                             | 46.7                               | 114.7                                    | 4 400*                             | 49.5                               | 117.1                                    | 5 200*                             | 52.1                               | 119.0                                    | 5 300*                             | 62.0                                 |
| 64.0                                 | 42.7                               | 110.8                                    | 3 300*                             | 44.7                               | 112.7                                    | 4 100*                             | 47.6                               | 115.2                                    | 5 100*                             | 50.3                               | 117.3                                    | 5 200*                             | 64.0                                 |
| 66.0                                 | 40.5                               | 108.5                                    | 3 000*                             | 42.6                               | 110.6                                    | 3 800*                             | 45.6                               | 113.3                                    | 5 000*                             | 48.4                               | 115.6                                    | 5 100*                             | 66.0                                 |
| 68.0                                 | 38.2                               | 106.0                                    | 2 900*                             | 40.4                               | 108.3                                    | 3 600*                             | 43.5                               | 111.2                                    | 4 700*                             | 46.4                               | 113.7                                    | 5 000*                             | 68.0                                 |
| 70.0                                 | 35.8                               | 103.3                                    | 2 700*                             | 38.1                               | 105.7                                    | 3 400*                             | 41.3                               | 109.0                                    | 4 500*                             | 44.4                               | 111.6                                    | 5 000*                             | 70.0                                 |
| 72.0                                 | 33.2                               | 100.3                                    | 2 500*                             | 35.7                               | 103.0                                    | 3 100*                             | 39.1                               | 106.5                                    | 4 300*                             | 42.2                               | 109.5                                    | 4 800*                             | 72.0                                 |
| 74.0                                 | 30.4                               | 96.9                                     | 2 300*                             | 33.1                               | 100.0                                    | 3 000*                             | 36.7                               | 103.9                                    | 4 000*                             | 40.0                               | 107.1                                    | 4 500*                             | 74.0                                 |
| 76.0                                 | 27.4                               | 93.2                                     | 2 200*                             | 30.3                               | 96.7                                     | 2 800*                             | 34.2                               | 101.0                                    | 3 700*                             | 37.7                               | 104.6                                    | 4 300*                             | 76.0                                 |
| 78.0                                 | 24.0                               | 88.9                                     | 2 100*                             | 27.2                               | 92.9                                     | 2 600*                             | 31.5                               | 97.8                                     | 3 500*                             | 35.3                               | 101.8                                    | 4 100*                             | 78.0                                 |
| 80.0                                 | 20.0                               | 83.8                                     | 2 000*                             | 23.8                               | 88.6                                     | 2 400*                             | 28.6                               | 94.3                                     | 3 300*                             | 32.7                               | 98.7                                     | 4 000*                             | 80.0                                 |
| 82.0                                 | 15.1                               | 77.2                                     | 2 000*                             | 19.9                               | 83.4                                     | 2 300*                             | 25.3                               | 90.2                                     | 3 100*                             | 29.8                               | 95.3                                     | 3 800*                             | 82.0                                 |
| 84.0                                 |                                    |                                          |                                    | 14.8                               | 76.7                                     | 2 300*                             | 21.6                               | 85.4                                     | 2 900*                             | 26.7                               | 91.5                                     | 3 600*                             | 84.0                                 |
| 86.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 17.2                               | 79.5                                     | 2 800*                             | 23.3                               | 87.1                                     | 3 400*                             | 86.0                                 |
| 88.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 11.0                               | 71.1                                     | 2 600*                             | 19.2                               | 81.7                                     | 3 300*                             | 88.0                                 |
| 90.0                                 |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 13.9                               | 74.6                                     | 3 100*                             | 90.0                                 |



# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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

## 999 SERIES 3

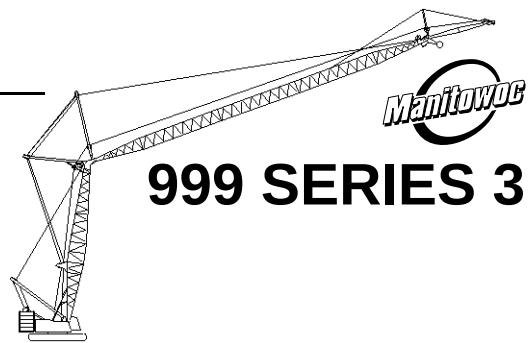
54.9m (180 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib, 24.4m (80 Ft.) Fixed Jib

| Fixed Jib Oper. Rad. Meters | 88 Degree Boom Angle      |                              |                              | 86 Degree Boom Angle      |                              |                              | 83 Degree Boom Angle      |                              |                              | 80 Degree Boom Angle      |                              |                              | Fixed Jib Oper. Rad. Meters |
|-----------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|-----------------------------|
|                             | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms |                             |
| 27.4                        | 74.6                      | 137.2                        | 5 600*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 27.4                        |
| 28.0                        | 74.2                      | 137.0                        | 5 600*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 28.0                        |
| 30.0                        | 72.8                      | 136.4                        | 5 500*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 30.0                        |
| 32.0                        | 71.3                      | 135.7                        | 5 500*                       | 72.7                      | 136.2                        | 6 400*                       |                           |                              |                              |                           |                              |                              | 32.0                        |
| 34.0                        | 69.9                      | 135.0                        | 5 400*                       | 71.3                      | 135.6                        | 6 300*                       |                           |                              |                              |                           |                              |                              | 34.0                        |
| 36.0                        | 68.4                      | 134.2                        | 5 300*                       | 69.8                      | 134.8                        | 6 200*                       |                           |                              |                              |                           |                              |                              | 36.0                        |
| 38.0                        | 66.9                      | 133.3                        | 5 200*                       | 68.3                      | 134.0                        | 6 100*                       |                           |                              |                              |                           |                              |                              | 38.0                        |
| 40.0                        | 65.4                      | 132.4                        | 5 200*                       | 66.8                      | 133.2                        | 6 100*                       | 69.0                      | 134.1                        | 6 100*                       |                           |                              |                              | 40.0                        |
| 42.0                        | 63.8                      | 131.5                        | 5 100*                       | 65.3                      | 132.3                        | 6 000*                       | 67.5                      | 133.2                        | 6 000*                       |                           |                              |                              | 42.0                        |
| 44.0                        | 62.3                      | 130.4                        | 5 000*                       | 63.8                      | 131.3                        | 5 900*                       | 66.0                      | 132.4                        | 5 900*                       |                           |                              |                              | 44.0                        |
| 46.0                        | 60.7                      | 129.3                        | 4 900*                       | 62.2                      | 130.2                        | 5 800*                       | 64.4                      | 131.4                        | 5 800*                       | 66.6                      | 132.3                        | 5 800*                       | 46.0                        |
| 48.0                        | 59.1                      | 128.1                        | 4 900*                       | 60.6                      | 129.1                        | 5 700*                       | 62.9                      | 130.4                        | 5 800*                       | 65.1                      | 131.3                        | 5 800*                       | 48.0                        |
| 50.0                        | 57.5                      | 126.8                        | 4 800*                       | 59.0                      | 127.9                        | 5 600*                       | 61.3                      | 129.3                        | 5 700*                       | 63.5                      | 130.4                        | 5 700*                       | 50.0                        |
| 52.0                        | 55.8                      | 125.5                        | 4 700*                       | 57.4                      | 126.6                        | 5 500*                       | 59.7                      | 128.1                        | 5 600*                       | 62.0                      | 129.3                        | 5 700*                       | 52.0                        |
| 54.0                        | 54.1                      | 124.0                        | 4 500*                       | 55.7                      | 125.3                        | 5 400*                       | 58.1                      | 126.9                        | 5 500*                       | 60.4                      | 128.2                        | 5 500*                       | 54.0                        |
| 56.0                        | 52.4                      | 122.5                        | 4 200*                       | 54.0                      | 123.8                        | 5 200*                       | 56.4                      | 125.6                        | 5 400*                       | 58.8                      | 126.9                        | 5 500*                       | 56.0                        |
| 58.0                        | 50.6                      | 120.9                        | 3 900*                       | 52.3                      | 122.3                        | 4 900*                       | 54.8                      | 124.2                        | 5 300*                       | 57.1                      | 125.7                        | 5 400*                       | 58.0                        |
| 60.0                        | 48.8                      | 119.1                        | 3 700*                       | 50.5                      | 120.7                        | 4 600*                       | 53.0                      | 122.7                        | 5 200*                       | 55.5                      | 124.3                        | 5 300*                       | 60.0                        |
| 62.0                        | 46.9                      | 117.3                        | 3 500*                       | 48.7                      | 118.9                        | 4 300*                       | 51.3                      | 121.1                        | 5 200*                       | 53.8                      | 122.8                        | 5 300*                       | 62.0                        |
| 64.0                        | 44.9                      | 115.3                        | 3 300*                       | 46.8                      | 117.0                        | 4 100*                       | 49.5                      | 119.4                        | 5 100*                       | 52.0                      | 121.3                        | 5 200*                       | 64.0                        |
| 66.0                        | 42.9                      | 113.1                        | 3 000*                       | 44.8                      | 115.1                        | 3 800*                       | 47.6                      | 117.5                        | 5 000*                       | 50.2                      | 119.6                        | 5 100*                       | 66.0                        |
| 68.0                        | 40.8                      | 110.9                        | 2 900*                       | 42.8                      | 112.9                        | 3 600*                       | 45.7                      | 115.6                        | 4 900*                       | 48.4                      | 117.9                        | 5 100*                       | 68.0                        |
| 70.0                        | 38.6                      | 108.4                        | 2 700*                       | 40.7                      | 110.6                        | 3 400*                       | 43.7                      | 113.5                        | 4 600*                       | 46.5                      | 116.0                        | 4 900*                       | 70.0                        |
| 72.0                        | 36.3                      | 105.7                        | 2 500*                       | 38.5                      | 108.1                        | 3 200*                       | 41.6                      | 111.3                        | 4 300*                       | 44.5                      | 114.0                        | 4 900*                       | 72.0                        |
| 74.0                        | 33.9                      | 102.8                        | 2 300*                       | 36.2                      | 105.5                        | 3 000*                       | 39.5                      | 108.9                        | 4 100*                       | 42.5                      | 111.8                        | 4 800*                       | 74.0                        |
| 76.0                        | 31.3                      | 99.6                         | 2 200*                       | 33.8                      | 102.5                        | 2 800*                       | 37.2                      | 106.3                        | 3 800*                       | 40.4                      | 109.5                        | 4 600*                       | 76.0                        |
| 78.0                        | 28.5                      | 96.0                         | 2 100*                       | 31.2                      | 99.3                         | 2 600*                       | 34.8                      | 103.5                        | 3 600*                       | 38.2                      | 107.0                        | 4 400*                       | 78.0                        |
| 80.0                        | 25.3                      | 91.9                         | 1 900*                       | 28.3                      | 95.7                         | 2 500*                       | 32.3                      | 100.4                        | 3 400*                       | 35.9                      | 104.3                        | 4 200*                       | 80.0                        |
| 82.0                        |                           |                              |                              | 25.2                      | 91.6                         | 2 300*                       | 29.6                      | 97.0                         | 3 200*                       | 33.4                      | 101.3                        | 4 000*                       | 82.0                        |
| 84.0                        |                           |                              |                              | 21.6                      | 86.8                         | 2 200*                       | 26.6                      | 93.1                         | 3 000*                       | 30.7                      | 98.0                         | 3 700*                       | 84.0                        |
| 86.0                        |                           |                              |                              | 17.3                      | 80.9                         | 2 100*                       | 23.2                      | 88.6                         | 2 800*                       | 27.9                      | 94.3                         | 3 400*                       | 86.0                        |
| 88.0                        |                           |                              |                              | 11.5                      | 72.7                         | 2 100*                       | 19.3                      | 83.3                         | 2 700*                       | 24.7                      | 90.1                         | 3 200*                       | 88.0                        |
| 90.0                        |                           |                              |                              |                           |                              |                              | 14.3                      | 76.3                         | 2 500*                       | 21.0                      | 85.2                         | 3 000*                       | 90.0                        |
| 92.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 16.5                      | 79.1                         | 2 700*                       | 92.0                        |
| 94.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 10.3                      | 70.2                         | 2 500*                       | 94.0                        |

# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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



## 999 SERIES 3

**54.9m (180 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib, 24.4m (80 Ft.) Fixed Jib**

| Fixed Jib<br>Oper.<br>Rad.<br>Meters | 88 Degree<br>Boom Angle            |                                          |                                    | 86 Degree<br>Boom Angle            |                                          |                                    | 83 Degree<br>Boom Angle            |                                          |                                    | 80 Degree<br>Boom Angle            |                                          |                                    | Fixed Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|--------------------------------------|
|                                      | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms |                                      |
| 29.0                                 | 74.1                               | 139.9                                    | 5 400*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 29.0                                 |
| 30.0                                 | 73.4                               | 139.6                                    | 5 400*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 30.0                                 |
| 32.0                                 | 72.0                               | 138.9                                    | 5 300*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 32.0                                 |
| 34.0                                 | 70.6                               | 138.2                                    | 5 200*                             | 72.0                               | 138.8                                    | 6 200*                             |                                    |                                          |                                    |                                    |                                          |                                    | 34.0                                 |
| 36.0                                 | 69.2                               | 137.5                                    | 5 200*                             | 70.6                               | 138.1                                    | 6 100*                             |                                    |                                          |                                    |                                    |                                          |                                    | 36.0                                 |
| 38.0                                 | 67.8                               | 136.7                                    | 5 100*                             | 69.1                               | 137.3                                    | 6 000*                             |                                    |                                          |                                    |                                    |                                          |                                    | 38.0                                 |
| 40.0                                 | 66.3                               | 135.8                                    | 5 100*                             | 67.7                               | 136.5                                    | 5 900*                             |                                    |                                          |                                    |                                    |                                          |                                    | 40.0                                 |
| 42.0                                 | 64.8                               | 134.9                                    | 5 000*                             | 66.2                               | 135.6                                    | 5 800*                             | 68.3                               | 136.6                                    | 5 900*                             |                                    |                                          |                                    | 42.0                                 |
| 44.0                                 | 63.3                               | 133.9                                    | 4 900*                             | 64.8                               | 134.7                                    | 5 800*                             | 66.9                               | 135.7                                    | 5 800*                             |                                    |                                          |                                    | 44.0                                 |
| 46.0                                 | 61.8                               | 132.8                                    | 4 800*                             | 63.3                               | 133.7                                    | 5 700*                             | 65.4                               | 134.8                                    | 5 700*                             |                                    |                                          |                                    | 46.0                                 |
| 48.0                                 | 60.3                               | 131.6                                    | 4 800*                             | 61.8                               | 132.6                                    | 5 600*                             | 63.9                               | 133.8                                    | 5 600*                             | 66.0                               | 134.7                                    | 5 600*                             | 48.0                                 |
| 50.0                                 | 58.8                               | 130.4                                    | 4 700*                             | 60.2                               | 131.5                                    | 5 500*                             | 62.4                               | 132.8                                    | 5 600*                             | 64.5                               | 133.8                                    | 5 600*                             | 50.0                                 |
| 52.0                                 | 57.2                               | 129.2                                    | 4 600*                             | 58.7                               | 130.3                                    | 5 400*                             | 60.9                               | 131.7                                    | 5 500*                             | 63.1                               | 132.7                                    | 5 500*                             | 52.0                                 |
| 54.0                                 | 55.6                               | 127.8                                    | 4 400*                             | 57.1                               | 129.0                                    | 5 300*                             | 59.4                               | 130.5                                    | 5 400*                             | 61.5                               | 131.7                                    | 5 500*                             | 54.0                                 |
| 56.0                                 | 53.9                               | 126.3                                    | 4 100*                             | 55.5                               | 127.6                                    | 5 100*                             | 57.8                               | 129.2                                    | 5 400*                             | 60.0                               | 130.5                                    | 5 400*                             | 56.0                                 |
| 58.0                                 | 52.2                               | 124.8                                    | 3 800*                             | 53.9                               | 126.1                                    | 4 800*                             | 56.2                               | 127.9                                    | 5 300*                             | 58.4                               | 129.3                                    | 5 300*                             | 58.0                                 |
| 60.0                                 | 50.5                               | 123.2                                    | 3 700*                             | 52.2                               | 124.6                                    | 4 500*                             | 54.6                               | 126.5                                    | 5 200*                             | 56.9                               | 128.0                                    | 5 200*                             | 60.0                                 |
| 62.0                                 | 48.8                               | 121.4                                    | 3 400*                             | 50.5                               | 123.0                                    | 4 300*                             | 52.9                               | 125.0                                    | 5 100*                             | 55.2                               | 126.6                                    | 5 200*                             | 62.0                                 |
| 64.0                                 | 47.0                               | 119.6                                    | 3 200*                             | 48.7                               | 121.2                                    | 4 000*                             | 51.2                               | 123.4                                    | 5 100*                             | 53.6                               | 125.1                                    | 5 200*                             | 64.0                                 |
| 66.0                                 | 45.1                               | 117.6                                    | 3 000*                             | 46.9                               | 119.4                                    | 3 800*                             | 49.4                               | 121.7                                    | 5 000*                             | 51.9                               | 123.6                                    | 5 100*                             | 66.0                                 |
| 68.0                                 | 43.1                               | 115.5                                    | 2 800*                             | 45.0                               | 117.4                                    | 3 600*                             | 47.7                               | 119.9                                    | 4 800*                             | 50.2                               | 121.9                                    | 5 000*                             | 68.0                                 |
| 70.0                                 | 41.1                               | 113.2                                    | 2 600*                             | 43.1                               | 115.2                                    | 3 400*                             | 45.8                               | 117.9                                    | 4 500*                             | 48.4                               | 120.2                                    | 4 900*                             | 70.0                                 |
| 72.0                                 | 39.0                               | 110.8                                    | 2 500*                             | 41.0                               | 113.0                                    | 3 200*                             | 43.9                               | 115.9                                    | 4 300*                             | 46.6                               | 118.3                                    | 4 800*                             | 72.0                                 |
| 74.0                                 | 36.8                               | 108.1                                    | 2 300*                             | 39.0                               | 110.5                                    | 3 000*                             | 41.9                               | 113.7                                    | 4 100*                             | 44.7                               | 116.3                                    | 4 700*                             | 74.0                                 |
| 76.0                                 | 34.5                               | 105.3                                    | 2 200*                             | 36.7                               | 107.9                                    | 2 800*                             | 39.9                               | 111.3                                    | 3 800*                             | 42.8                               | 114.1                                    | 4 500*                             | 76.0                                 |
| 78.0                                 | 32.1                               | 102.2                                    | 1 900*                             | 34.4                               | 105.0                                    | 2 700*                             | 37.7                               | 108.7                                    | 3 600*                             | 40.7                               | 111.8                                    | 4 200*                             | 78.0                                 |
| 80.0                                 |                                    |                                          |                                    | 31.9                               | 101.9                                    | 2 500*                             | 35.4                               | 106.0                                    | 3 400*                             | 38.6                               | 109.4                                    | 4 000*                             | 80.0                                 |
| 82.0                                 |                                    |                                          |                                    | 29.3                               | 98.4                                     | 2 300*                             | 33.0                               | 103.0                                    | 3 200*                             | 36.4                               | 106.7                                    | 3 700*                             | 82.0                                 |
| 84.0                                 |                                    |                                          |                                    | 26.4                               | 94.5                                     | 2 200*                             | 30.5                               | 99.6                                     | 3 000*                             | 34.1                               | 103.8                                    | 3 400*                             | 84.0                                 |
| 86.0                                 |                                    |                                          |                                    | 23.1                               | 90.0                                     | 2 100*                             | 27.7                               | 95.9                                     | 2 800*                             | 31.6                               | 100.6                                    | 3 200*                             | 86.0                                 |
| 88.0                                 |                                    |                                          |                                    | 19.3                               | 84.7                                     | 1 900*                             | 24.6                               | 91.7                                     | 2 700*                             | 28.9                               | 97.1                                     | 2 900*                             | 88.0                                 |
| 90.0                                 |                                    |                                          |                                    | 14.6                               | 77.8                                     | 1 800*                             | 21.0                               | 86.8                                     | 2 500*                             | 25.9                               | 93.1                                     | 2 700*                             | 90.0                                 |
| 92.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 16.8                               | 80.7                                     | 2 500*                             | 22.6                               | 88.5                                     | 2 400*                             | 92.0                                 |
| 94.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 10.9                               | 72.1                                     | 2 200*                             | 18.7                               | 83.0                                     | 2 200*                             | 94.0                                 |
| 96.0                                 |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 13.7                               | 75.7                                     | 2 000*                             | 96.0                                 |



# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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

**999 SERIES 3**

**54.9m (180 Ft.) Boom, 64.0m (210 Ft.) Luffing Jib, 24.4m (80 Ft.) Fixed Jib**

| Fixed Jib<br>Oper.<br>Rad.<br>Meters | 88 Degree<br>Boom Angle            |                                          |                                    | 86 Degree<br>Boom Angle            |                                          |                                    | 83 Degree<br>Boom Angle            |                                          |                                    | Fixed Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|--------------------------------------|
|                                      | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms |                                      |
| 29.0                                 | 74.7                               | 143.1                                    | 5 200*                             |                                    |                                          |                                    |                                    |                                          |                                    | 29.0                                 |
| 30.0                                 | 74.0                               | 142.8                                    | 5 200*                             |                                    |                                          |                                    |                                    |                                          |                                    | 30.0                                 |
| 32.0                                 | 72.7                               | 142.2                                    | 5 100*                             |                                    |                                          |                                    |                                    |                                          |                                    | 32.0                                 |
| 34.0                                 | 71.3                               | 141.5                                    | 5 100*                             | 72.6                               | 142.0                                    | 5 900*                             |                                    |                                          |                                    | 34.0                                 |
| 36.0                                 | 69.9                               | 140.8                                    | 5 000*                             | 71.2                               | 141.3                                    | 5 900*                             |                                    |                                          |                                    | 36.0                                 |
| 38.0                                 | 68.6                               | 140.0                                    | 5 000*                             | 69.9                               | 140.6                                    | 5 800*                             |                                    |                                          |                                    | 38.0                                 |
| 40.0                                 | 67.2                               | 139.1                                    | 4 900*                             | 68.5                               | 139.8                                    | 5 700*                             |                                    |                                          |                                    | 40.0                                 |
| 42.0                                 | 65.8                               | 138.2                                    | 4 900*                             | 67.1                               | 139.0                                    | 5 700*                             | 69.1                               | 139.8                                    | 5 700*                             | 42.0                                 |
| 44.0                                 | 64.3                               | 137.3                                    | 4 800*                             | 65.7                               | 138.1                                    | 5 600*                             | 67.7                               | 139.0                                    | 5 700*                             | 44.0                                 |
| 46.0                                 | 62.9                               | 136.2                                    | 4 700*                             | 64.3                               | 137.1                                    | 5 600*                             | 66.3                               | 138.1                                    | 5 600*                             | 46.0                                 |
| 48.0                                 | 61.4                               | 135.2                                    | 4 700*                             | 62.8                               | 136.1                                    | 5 500*                             | 64.9                               | 137.2                                    | 5 500*                             | 48.0                                 |
| 50.0                                 | 59.9                               | 134.0                                    | 4 600*                             | 61.4                               | 135.0                                    | 5 400*                             | 63.4                               | 136.2                                    | 5 400*                             | 50.0                                 |
| 52.0                                 | 58.4                               | 132.8                                    | 4 500*                             | 59.9                               | 133.8                                    | 5 300*                             | 62.0                               | 135.1                                    | 5 400*                             | 52.0                                 |
| 54.0                                 | 56.9                               | 131.5                                    | 4 200*                             | 58.4                               | 132.6                                    | 5 200*                             | 60.5                               | 134.0                                    | 5 400*                             | 54.0                                 |
| 56.0                                 | 55.4                               | 130.1                                    | 4 000*                             | 56.8                               | 131.3                                    | 4 900*                             | 59.0                               | 132.8                                    | 5 300*                             | 56.0                                 |
| 58.0                                 | 53.8                               | 128.6                                    | 3 800*                             | 55.3                               | 129.9                                    | 4 700*                             | 57.5                               | 131.6                                    | 5 200*                             | 58.0                                 |
| 60.0                                 | 52.1                               | 127.1                                    | 3 600*                             | 53.7                               | 128.5                                    | 4 500*                             | 56.0                               | 130.2                                    | 5 100*                             | 60.0                                 |
| 62.0                                 | 50.5                               | 125.5                                    | 3 300*                             | 52.1                               | 126.9                                    | 4 200*                             | 54.4                               | 128.8                                    | 5 100*                             | 62.0                                 |
| 64.0                                 | 48.8                               | 123.7                                    | 3 200*                             | 50.4                               | 125.3                                    | 4 000*                             | 52.8                               | 127.3                                    | 5 000*                             | 64.0                                 |
| 66.0                                 | 47.0                               | 121.9                                    | 3 000*                             | 48.7                               | 123.5                                    | 3 700*                             | 51.1                               | 125.7                                    | 4 800*                             | 66.0                                 |
| 68.0                                 | 45.2                               | 119.9                                    | 2 800*                             | 46.9                               | 121.7                                    | 3 500*                             | 49.4                               | 124.0                                    | 4 600*                             | 68.0                                 |
| 70.0                                 | 43.4                               | 117.8                                    | 2 600*                             | 45.1                               | 119.7                                    | 3 300*                             | 47.7                               | 122.2                                    | 4 400*                             | 70.0                                 |
| 72.0                                 | 41.4                               | 115.6                                    | 2 400*                             | 43.3                               | 117.6                                    | 3 100*                             | 45.9                               | 120.2                                    | 4 200*                             | 72.0                                 |
| 74.0                                 | 39.4                               | 113.2                                    | 2 100*                             | 41.3                               | 115.3                                    | 3 000*                             | 44.1                               | 118.2                                    | 4 000*                             | 74.0                                 |
| 76.0                                 | 37.3                               | 110.6                                    | 1 900*                             | 39.3                               | 112.9                                    | 2 800*                             | 42.2                               | 116.0                                    | 3 800*                             | 76.0                                 |
| 78.0                                 |                                    |                                          |                                    | 37.2                               | 110.3                                    | 2 700*                             | 40.2                               | 113.7                                    | 3 600*                             | 78.0                                 |
| 80.0                                 |                                    |                                          |                                    | 35.0                               | 107.5                                    | 2 500*                             | 38.1                               | 111.1                                    | 3 400*                             | 80.0                                 |
| 82.0                                 |                                    |                                          |                                    | 32.7                               | 104.5                                    | 2 300*                             | 36.0                               | 108.4                                    | 3 200*                             | 82.0                                 |
| 84.0                                 |                                    |                                          |                                    | 30.2                               | 101.1                                    | 2 000*                             | 33.7                               | 105.5                                    | 3 000*                             | 84.0                                 |
| 86.0                                 |                                    |                                          |                                    | 27.4                               | 97.3                                     | 1 900*                             | 31.3                               | 102.3                                    | 2 900*                             | 86.0                                 |
| 88.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 28.6                               | 98.7                                     | 2 700*                             | 88.0                                 |
| 90.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 25.7                               | 94.7                                     | 2 500*                             | 90.0                                 |
| 92.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 22.5                               | 90.1                                     | 2 200*                             | 92.0                                 |
| 94.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 18.8                               | 84.6                                     | 2 000*                             | 94.0                                 |
| 96.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 14.0                               | 77.5                                     | 1 800*                             | 96.0                                 |

# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

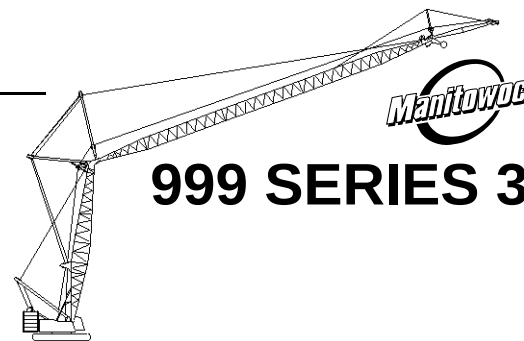
Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 999 SERIES 3

57.9m (190 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib, 9.1m (30 Ft.) Fixed Jib

| Fixed Jib Oper. Rad. Meters | 88 Degree Boom Angle      |                              |                              | 86 Degree Boom Angle      |                              |                              | 83 Degree Boom Angle      |                              |                              | 80 Degree Boom Angle      |                              |                              | Fixed Jib Oper. Rad. Meters |
|-----------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|-----------------------------|
|                             | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms |                             |
| 21.3                        | 74.5                      | 119.7                        | 12 900*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 21.3                        |
| 22.0                        | 73.9                      | 119.5                        | 12 800*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 22.0                        |
| 24.0                        | 72.0                      | 118.9                        | 12 600*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 24.0                        |
| 26.0                        | 70.0                      | 118.2                        | 12 300*                      | 72.0                      | 118.8                        | 14 800*                      |                           |                              |                              |                           |                              |                              | 26.0                        |
| 28.0                        | 68.0                      | 117.4                        | 12 000*                      | 70.0                      | 118.0                        | 14 500*                      |                           |                              |                              |                           |                              |                              | 28.0                        |
| 30.0                        | 66.0                      | 116.5                        | 11 500*                      | 68.0                      | 117.3                        | 13 800*                      |                           |                              |                              |                           |                              |                              | 30.0                        |
| 32.0                        | 63.9                      | 115.5                        | 10 900*                      | 66.0                      | 116.4                        | 13 000*                      | 69.0                      | 117.3                        | 14 500*                      |                           |                              |                              | 32.0                        |
| 34.0                        | 61.8                      | 114.5                        | 10 100*                      | 63.9                      | 115.4                        | 12 200*                      | 67.0                      | 116.5                        | 14 400*                      |                           |                              |                              | 34.0                        |
| 36.0                        | 59.7                      | 113.3                        | 9 400*                       | 61.8                      | 114.4                        | 11 500*                      | 65.0                      | 115.6                        | 14 200*                      |                           |                              |                              | 36.0                        |
| 38.0                        | 57.5                      | 112.1                        | 8 800*                       | 59.7                      | 113.2                        | 10 700*                      | 62.9                      | 114.6                        | 13 600*                      |                           |                              |                              | 38.0                        |
| 40.0                        | 55.2                      | 110.7                        | 8 200*                       | 57.5                      | 112.0                        | 10 000*                      | 60.8                      | 113.5                        | 12 800*                      | 63.9                      | 114.6                        | 14 200*                      | 40.0                        |
| 42.0                        | 52.9                      | 109.2                        | 7 600*                       | 55.3                      | 110.6                        | 9 400*                       | 58.6                      | 112.3                        | 12 100*                      | 61.8                      | 113.6                        | 14 000                       | 42.0                        |
| 44.0                        | 50.6                      | 107.6                        | 7 100*                       | 53.0                      | 109.1                        | 8 700*                       | 56.4                      | 111.0                        | 11 400*                      | 59.7                      | 112.4                        | 13 300                       | 44.0                        |
| 46.0                        | 48.1                      | 105.9                        | 6 600*                       | 50.6                      | 107.5                        | 8 100*                       | 54.1                      | 109.6                        | 10 700*                      | 57.5                      | 111.2                        | 12 400                       | 46.0                        |
| 48.0                        | 45.5                      | 104.0                        | 6 200*                       | 48.1                      | 105.8                        | 7 600*                       | 51.8                      | 108.0                        | 10 000*                      | 55.3                      | 109.8                        | 11 600*                      | 48.0                        |
| 50.0                        | 42.8                      | 101.9                        | 5 700*                       | 45.5                      | 103.8                        | 7 100*                       | 49.4                      | 106.3                        | 9 300*                       | 53.0                      | 108.3                        | 10 800*                      | 50.0                        |
| 52.0                        | 40.0                      | 99.5                         | 5 400*                       | 42.9                      | 101.7                        | 6 600*                       | 46.9                      | 104.5                        | 8 700*                       | 50.6                      | 106.7                        | 10 100*                      | 52.0                        |
| 54.0                        | 37.0                      | 97.0                         | 5 000*                       | 40.0                      | 99.4                         | 6 200*                       | 44.2                      | 102.5                        | 8 200*                       | 48.1                      | 105.0                        | 9 500*                       | 54.0                        |
| 56.0                        | 33.7                      | 94.1                         | 4 700*                       | 37.0                      | 96.9                         | 5 700*                       | 41.5                      | 100.3                        | 7 600*                       | 45.6                      | 103.0                        | 8 900*                       | 56.0                        |
| 58.0                        | 30.1                      | 90.8                         | 4 500*                       | 33.7                      | 94.0                         | 5 400*                       | 38.6                      | 97.9                         | 7 100*                       | 42.9                      | 100.9                        | 8 300*                       | 58.0                        |
| 60.0                        | 26.1                      | 87.0                         | 4 200*                       | 30.2                      | 90.7                         | 5 100*                       | 35.4                      | 95.2                         | 6 600*                       | 40.0                      | 98.6                         | 7 800*                       | 60.0                        |
| 62.0                        | 21.4                      | 82.3                         | 4 100*                       | 26.2                      | 86.9                         | 4 800*                       | 32.0                      | 92.1                         | 6 200*                       | 37.0                      | 96.1                         | 7 300*                       | 62.0                        |
| 64.0                        | 15.3                      | 76.0                         | 3 900*                       | 21.5                      | 82.2                         | 4 600*                       | 28.3                      | 88.6                         | 5 800*                       | 33.8                      | 93.2                         | 6 800*                       | 64.0                        |
| 66.0                        |                           |                              |                              | 15.4                      | 76.0                         | 4 400*                       | 24.0                      | 84.4                         | 5 500*                       | 30.2                      | 89.9                         | 6 400*                       | 66.0                        |
| 68.0                        |                           |                              |                              |                           |                              |                              | 18.7                      | 79.1                         | 5 200*                       | 26.2                      | 86.1                         | 6 000*                       | 68.0                        |
| 70.0                        |                           |                              |                              |                           |                              |                              | 11.2                      | 71.3                         | 5 000*                       | 21.5                      | 81.4                         | 5 600*                       | 70.0                        |
| 72.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 15.4                      | 75.2                         | 5 200*                       | 72.0                        |



# Liftcrane Fixed Jib Capacities

## 999 SERIES 3

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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

**57.9m (190 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib, 9.1m (30 Ft.) Fixed Jib**

| Fixed Jib Oper. Rad. Meters | 88 Degree Boom Angle      |                              |                              | 86 Degree Boom Angle      |                              |                              | 83 Degree Boom Angle      |                              |                              | 80 Degree Boom Angle      |                              |                              | Fixed Jib Oper. Rad. Meters |
|-----------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|-----------------------------|
|                             | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms |                             |
| 22.9                        | 73.9                      | 122.4                        | 11 800*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 22.9                        |
| 24.0                        | 72.8                      | 122.1                        | 11 800*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 24.0                        |
| 26.0                        | 71.0                      | 121.4                        | 11 500*                      | 72.9                      | 122.0                        | 14 000*                      |                           |                              |                              |                           |                              |                              | 26.0                        |
| 28.0                        | 69.1                      | 120.7                        | 11 300*                      | 71.0                      | 121.3                        | 13 600*                      |                           |                              |                              |                           |                              |                              | 28.0                        |
| 30.0                        | 67.2                      | 119.8                        | 10 900*                      | 69.1                      | 120.5                        | 13 200*                      |                           |                              |                              |                           |                              |                              | 30.0                        |
| 32.0                        | 65.2                      | 118.9                        | 10 500*                      | 67.2                      | 119.7                        | 12 400*                      |                           |                              |                              |                           |                              |                              | 32.0                        |
| 34.0                        | 63.3                      | 117.9                        | 9 800*                       | 65.2                      | 118.8                        | 11 800*                      | 68.2                      | 119.8                        | 13 400*                      |                           |                              |                              | 34.0                        |
| 36.0                        | 61.2                      | 116.9                        | 9 200*                       | 63.3                      | 117.8                        | 11 100*                      | 66.2                      | 119.0                        | 13 300*                      |                           |                              |                              | 36.0                        |
| 38.0                        | 59.2                      | 115.7                        | 8 600*                       | 61.3                      | 116.7                        | 10 400*                      | 64.3                      | 118.0                        | 12 900*                      |                           |                              |                              | 38.0                        |
| 40.0                        | 57.1                      | 114.4                        | 8 000*                       | 59.2                      | 115.6                        | 9 800*                       | 62.3                      | 117.0                        | 12 400*                      | 65.3                      | 118.0                        | 13 100*                      | 40.0                        |
| 42.0                        | 55.0                      | 113.0                        | 7 400*                       | 57.1                      | 114.3                        | 9 100*                       | 60.3                      | 115.9                        | 11 700*                      | 63.3                      | 117.0                        | 13 100*                      | 42.0                        |
| 44.0                        | 52.8                      | 111.6                        | 6 900*                       | 55.0                      | 112.9                        | 8 500*                       | 58.2                      | 114.6                        | 11 000*                      | 61.3                      | 115.9                        | 12 900*                      | 44.0                        |
| 46.0                        | 50.5                      | 109.9                        | 6 500*                       | 52.8                      | 111.4                        | 8 000*                       | 56.1                      | 113.3                        | 10 400*                      | 59.2                      | 114.8                        | 12 100*                      | 46.0                        |
| 48.0                        | 48.1                      | 108.2                        | 6 000*                       | 50.5                      | 109.8                        | 7 500*                       | 53.9                      | 111.9                        | 9 800*                       | 57.1                      | 113.5                        | 11 200*                      | 48.0                        |
| 50.0                        | 45.7                      | 106.3                        | 5 700*                       | 48.2                      | 108.1                        | 7 000*                       | 51.7                      | 110.3                        | 9 200*                       | 55.0                      | 112.1                        | 10 500*                      | 50.0                        |
| 52.0                        | 43.1                      | 104.2                        | 5 300*                       | 45.7                      | 106.2                        | 6 500*                       | 49.4                      | 108.6                        | 8 600*                       | 52.8                      | 110.6                        | 9 800*                       | 52.0                        |
| 54.0                        | 40.5                      | 101.9                        | 5 000*                       | 43.2                      | 104.1                        | 6 100*                       | 47.0                      | 106.8                        | 8 100*                       | 50.5                      | 109.0                        | 9 100*                       | 54.0                        |
| 56.0                        | 37.6                      | 99.4                         | 4 700*                       | 40.5                      | 101.8                        | 5 700*                       | 44.5                      | 104.8                        | 7 600*                       | 48.2                      | 107.3                        | 8 500*                       | 56.0                        |
| 58.0                        | 34.6                      | 96.6                         | 4 400*                       | 37.6                      | 99.3                         | 5 400*                       | 41.9                      | 102.7                        | 7 100*                       | 45.7                      | 105.4                        | 8 000*                       | 58.0                        |
| 60.0                        | 31.3                      | 93.4                         | 4 100*                       | 34.6                      | 96.5                         | 5 000*                       | 39.1                      | 100.3                        | 6 600*                       | 43.2                      | 103.3                        | 7 400*                       | 60.0                        |
| 62.0                        | 27.6                      | 89.8                         | 3 900*                       | 31.3                      | 93.3                         | 4 700*                       | 36.2                      | 97.6                         | 6 200*                       | 40.5                      | 101.0                        | 7 000*                       | 62.0                        |
| 64.0                        | 23.4                      | 85.5                         | 3 800*                       | 27.6                      | 89.7                         | 4 500*                       | 33.0                      | 94.6                         | 5 800*                       | 37.6                      | 98.5                         | 6 500*                       | 64.0                        |
| 66.0                        | 18.3                      | 80.1                         | 3 700*                       | 23.4                      | 85.4                         | 4 300*                       | 29.5                      | 91.3                         | 5 500*                       | 34.6                      | 95.7                         | 6 100*                       | 66.0                        |
| 68.0                        | 11.0                      | 72.1                         | 3 600*                       | 18.4                      | 80.0                         | 4 100*                       | 25.7                      | 87.4                         | 5 200*                       | 31.3                      | 92.5                         | 5 700*                       | 68.0                        |
| 70.0                        |                           |                              |                              | 11.1                      | 72.1                         | 4 000*                       | 21.1                      | 82.6                         | 5 000*                       | 27.6                      | 88.9                         | 5 300*                       | 70.0                        |
| 72.0                        |                           |                              |                              |                           |                              |                              | 15.2                      | 76.3                         | 4 700*                       | 23.5                      | 84.6                         | 4 900*                       | 72.0                        |
| 74.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 18.4                      | 79.2                         | 4 600*                       | 74.0                        |
| 76.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 11.2                      | 71.3                         | 4 200*                       | 76.0                        |

# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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



## 999 SERIES 3

**57.9m (190 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib, 9.1m (30 Ft.) Fixed Jib**

| Fixed Jib<br>Oper.<br>Rad.<br>Meters | 88 Degree<br>Boom Angle            |                                          |                                    | 86 Degree<br>Boom Angle            |                                          |                                    | 83 Degree<br>Boom Angle            |                                          |                                    | 80 Degree<br>Boom Angle            |                                          |                                    | Fixed Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|--------------------------------------|
|                                      | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms |                                      |
| 22.9                                 | 74.6                               | 125.6                                    | 11 100*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 22.9                                 |
| 24.0                                 | 73.6                               | 125.3                                    | 11 000*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 24.0                                 |
| 26.0                                 | 71.9                               | 124.6                                    | 10 800*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 26.0                                 |
| 28.0                                 | 70.1                               | 123.9                                    | 10 600*                            | 71.9                               | 124.5                                    | 12 700*                            |                                    |                                          |                                    |                                    |                                          |                                    | 28.0                                 |
| 30.0                                 | 68.3                               | 123.1                                    | 10 300*                            | 70.1                               | 123.8                                    | 12 400*                            |                                    |                                          |                                    |                                    |                                          |                                    | 30.0                                 |
| 32.0                                 | 66.4                               | 122.3                                    | 10 000*                            | 68.3                               | 123.0                                    | 11 900*                            |                                    |                                          |                                    |                                    |                                          |                                    | 32.0                                 |
| 34.0                                 | 64.6                               | 121.4                                    | 9 500*                             | 66.4                               | 122.2                                    | 11 300*                            | 69.2                               | 123.1                                    | 12 500*                            |                                    |                                          |                                    | 34.0                                 |
| 36.0                                 | 62.7                               | 120.3                                    | 8 900*                             | 64.6                               | 121.2                                    | 10 700*                            | 67.4                               | 122.3                                    | 12 400*                            |                                    |                                          |                                    | 36.0                                 |
| 38.0                                 | 60.7                               | 119.2                                    | 8 300*                             | 62.7                               | 120.2                                    | 10 000*                            | 65.5                               | 121.4                                    | 12 300*                            |                                    |                                          |                                    | 38.0                                 |
| 40.0                                 | 58.8                               | 118.0                                    | 7 800*                             | 60.7                               | 119.1                                    | 9 500*                             | 63.6                               | 120.4                                    | 11 900*                            | 66.4                               | 121.4                                    | 12 200*                            | 40.0                                 |
| 42.0                                 | 56.8                               | 116.8                                    | 7 300*                             | 58.8                               | 117.9                                    | 8 900*                             | 61.7                               | 119.4                                    | 11 300*                            | 64.6                               | 120.4                                    | 12 100*                            | 42.0                                 |
| 44.0                                 | 54.7                               | 115.4                                    | 6 800*                             | 56.8                               | 116.6                                    | 8 300*                             | 59.8                               | 118.2                                    | 10 700*                            | 62.7                               | 119.4                                    | 12 100*                            | 44.0                                 |
| 46.0                                 | 52.6                               | 113.9                                    | 6 400*                             | 54.7                               | 115.2                                    | 7 900*                             | 57.8                               | 117.0                                    | 10 200*                            | 60.8                               | 118.3                                    | 11 900*                            | 46.0                                 |
| 48.0                                 | 50.4                               | 112.2                                    | 6 000*                             | 52.6                               | 113.7                                    | 7 300*                             | 55.8                               | 115.6                                    | 9 600*                             | 58.8                               | 117.1                                    | 11 100*                            | 48.0                                 |
| 50.0                                 | 48.2                               | 110.5                                    | 5 600*                             | 50.4                               | 112.1                                    | 6 900*                             | 53.7                               | 114.2                                    | 9 000*                             | 56.8                               | 115.8                                    | 10 300*                            | 50.0                                 |
| 52.0                                 | 45.8                               | 108.6                                    | 5 200*                             | 48.2                               | 110.4                                    | 6 400*                             | 51.5                               | 112.6                                    | 8 500*                             | 54.7                               | 114.4                                    | 9 600*                             | 52.0                                 |
| 54.0                                 | 43.4                               | 106.5                                    | 4 900*                             | 45.9                               | 108.5                                    | 6 000*                             | 49.3                               | 110.9                                    | 8 000*                             | 52.6                               | 112.9                                    | 9 000*                             | 54.0                                 |
| 56.0                                 | 40.9                               | 104.3                                    | 4 600*                             | 43.4                               | 106.4                                    | 5 700*                             | 47.1                               | 109.1                                    | 7 500*                             | 50.4                               | 111.3                                    | 8 400*                             | 56.0                                 |
| 58.0                                 | 38.2                               | 101.8                                    | 4 300*                             | 40.9                               | 104.2                                    | 5 300*                             | 44.7                               | 107.1                                    | 7 100*                             | 48.2                               | 109.6                                    | 7 800*                             | 58.0                                 |
| 60.0                                 | 35.3                               | 99.1                                     | 4 100*                             | 38.2                               | 101.7                                    | 5 000*                             | 42.2                               | 105.0                                    | 6 600*                             | 45.9                               | 107.7                                    | 7 300*                             | 60.0                                 |
| 62.0                                 | 32.2                               | 96.0                                     | 3 900*                             | 35.4                               | 99.0                                     | 4 700*                             | 39.6                               | 102.6                                    | 6 200*                             | 43.4                               | 105.6                                    | 6 800*                             | 62.0                                 |
| 64.0                                 | 28.9                               | 92.5                                     | 3 700*                             | 32.3                               | 95.9                                     | 4 400*                             | 36.8                               | 100.0                                    | 5 800*                             | 40.9                               | 103.4                                    | 6 300*                             | 64.0                                 |
| 66.0                                 | 25.1                               | 88.5                                     | 3 500*                             | 28.9                               | 92.4                                     | 4 200*                             | 33.9                               | 97.2                                     | 5 500*                             | 38.2                               | 100.9                                    | 5 900*                             | 66.0                                 |
| 68.0                                 | 20.6                               | 83.6                                     | 3 400*                             | 25.1                               | 88.4                                     | 4 000*                             | 30.7                               | 93.9                                     | 5 200*                             | 35.4                               | 98.2                                     | 5 500*                             | 68.0                                 |
| 70.0                                 | 14.9                               | 77.2                                     | 3 300*                             | 20.7                               | 83.6                                     | 3 900*                             | 27.1                               | 90.2                                     | 4 900*                             | 32.3                               | 95.1                                     | 5 100*                             | 70.0                                 |
| 72.0                                 |                                    |                                          |                                    | 15.0                               | 77.1                                     | 3 800*                             | 23.0                               | 85.8                                     | 4 700*                             | 28.9                               | 91.6                                     | 4 800*                             | 72.0                                 |
| 74.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 18.1                               | 80.3                                     | 4 400*                             | 25.1                               | 87.6                                     | 4 400*                             | 74.0                                 |
| 76.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 11.1                               | 72.3                                     | 4 000*                             | 20.7                               | 82.8                                     | 4 100*                             | 76.0                                 |
| 78.0                                 |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 15.0                               | 76.3                                     | 3 800*                             | 78.0                                 |



# Liftcrane Fixed Jib Capacities

**999 SERIES 3**

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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

**57.9m (190 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib, 9.1m (30 Ft.) Fixed Jib**

| Fixed Jib<br>Oper.<br>Rad.<br>Meters | 88 Degree<br>Boom Angle            |                                          |                                    | 86 Degree<br>Boom Angle            |                                          |                                    | 83 Degree<br>Boom Angle            |                                          |                                    | 80 Degree<br>Boom Angle            |                                          |                                    | Fixed Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|--------------------------------------|
|                                      | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms |                                      |
| 24.4                                 | 74.0                               | 128.4                                    | 10 200*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 24.4                                 |
| 26.0                                 | 72.7                               | 127.9                                    | 10 100*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 26.0                                 |
| 28.0                                 | 71.0                               | 127.2                                    | 9 900*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 28.0                                 |
| 30.0                                 | 69.2                               | 126.4                                    | 9 700*                             | 71.0                               | 127.1                                    | 11 700*                            |                                    |                                          |                                    |                                    |                                          |                                    | 30.0                                 |
| 32.0                                 | 67.5                               | 125.6                                    | 9 500*                             | 69.3                               | 126.3                                    | 11 300*                            |                                    |                                          |                                    |                                    |                                          |                                    | 32.0                                 |
| 34.0                                 | 65.7                               | 124.7                                    | 9 100*                             | 67.5                               | 125.5                                    | 10 800*                            |                                    |                                          |                                    |                                    |                                          |                                    | 34.0                                 |
| 36.0                                 | 63.9                               | 123.8                                    | 8 500*                             | 65.7                               | 124.6                                    | 10 200*                            | 68.4                               | 125.6                                    | 11 500*                            |                                    |                                          |                                    | 36.0                                 |
| 38.0                                 | 62.1                               | 122.7                                    | 8 000*                             | 63.9                               | 123.6                                    | 9 700*                             | 66.6                               | 124.7                                    | 11 400*                            |                                    |                                          |                                    | 38.0                                 |
| 40.0                                 | 60.3                               | 121.6                                    | 7 500*                             | 62.1                               | 122.6                                    | 9 100*                             | 64.9                               | 123.8                                    | 11 300*                            |                                    |                                          |                                    | 40.0                                 |
| 42.0                                 | 58.4                               | 120.4                                    | 7 100*                             | 60.3                               | 121.5                                    | 8 600*                             | 63.1                               | 122.8                                    | 10 800*                            | 65.7                               | 123.8                                    | 11 200*                            | 42.0                                 |
| 44.0                                 | 56.4                               | 119.1                                    | 6 600*                             | 58.4                               | 120.3                                    | 8 100*                             | 61.2                               | 121.7                                    | 10 300*                            | 64.0                               | 122.8                                    | 11 200*                            | 44.0                                 |
| 46.0                                 | 54.5                               | 117.7                                    | 6 200*                             | 56.5                               | 119.0                                    | 7 600*                             | 59.3                               | 120.6                                    | 9 800*                             | 62.1                               | 121.8                                    | 11 100*                            | 46.0                                 |
| 48.0                                 | 52.4                               | 116.2                                    | 5 800*                             | 54.5                               | 117.6                                    | 7 200*                             | 57.4                               | 119.3                                    | 9 300*                             | 60.3                               | 120.7                                    | 10 800*                            | 48.0                                 |
| 50.0                                 | 50.4                               | 114.5                                    | 5 400*                             | 52.5                               | 116.0                                    | 6 700*                             | 55.5                               | 118.0                                    | 8 800*                             | 58.4                               | 119.5                                    | 10 000*                            | 50.0                                 |
| 52.0                                 | 48.2                               | 112.8                                    | 5 100*                             | 50.4                               | 114.4                                    | 6 400*                             | 53.5                               | 116.5                                    | 8 300*                             | 56.5                               | 118.2                                    | 9 300*                             | 52.0                                 |
| 54.0                                 | 46.0                               | 110.9                                    | 4 800*                             | 48.2                               | 112.7                                    | 6 000*                             | 51.4                               | 114.9                                    | 7 800*                             | 54.5                               | 116.8                                    | 8 600*                             | 54.0                                 |
| 56.0                                 | 43.7                               | 108.8                                    | 4 500*                             | 46.0                               | 110.8                                    | 5 600*                             | 49.3                               | 113.2                                    | 7 400*                             | 52.5                               | 115.2                                    | 8 000*                             | 56.0                                 |
| 58.0                                 | 41.3                               | 106.6                                    | 4 200*                             | 43.7                               | 108.7                                    | 5 200*                             | 47.1                               | 111.4                                    | 7 000*                             | 50.4                               | 113.6                                    | 7 500*                             | 58.0                                 |
| 60.0                                 | 38.7                               | 104.2                                    | 4 000*                             | 41.3                               | 106.5                                    | 4 900*                             | 44.9                               | 109.5                                    | 6 500*                             | 48.2                               | 111.9                                    | 7 000*                             | 60.0                                 |
| 62.0                                 | 36.0                               | 101.5                                    | 3 800*                             | 38.7                               | 104.1                                    | 4 600*                             | 42.5                               | 107.3                                    | 6 200*                             | 46.0                               | 110.0                                    | 6 500*                             | 62.0                                 |
| 64.0                                 | 33.1                               | 98.5                                     | 3 600*                             | 36.0                               | 101.4                                    | 4 400*                             | 40.0                               | 105.0                                    | 5 800*                             | 43.7                               | 107.9                                    | 6 000*                             | 64.0                                 |
| 66.0                                 | 30.0                               | 95.2                                     | 3 400*                             | 33.2                               | 98.4                                     | 4 200*                             | 37.4                               | 102.5                                    | 5 500*                             | 41.3                               | 105.7                                    | 5 600*                             | 66.0                                 |
| 68.0                                 | 26.5                               | 91.4                                     | 3 200*                             | 30.0                               | 95.1                                     | 3 900*                             | 34.6                               | 99.7                                     | 5 100*                             | 38.7                               | 103.3                                    | 5 200*                             | 68.0                                 |
| 70.0                                 | 22.5                               | 86.9                                     | 3 100*                             | 26.6                               | 91.3                                     | 3 800*                             | 31.6                               | 96.5                                     | 4 800*                             | 36.0                               | 100.6                                    | 4 800*                             | 70.0                                 |
| 72.0                                 | 17.7                               | 81.3                                     | 3 000*                             | 22.6                               | 86.8                                     | 3 600*                             | 28.4                               | 93.0                                     | 4 400*                             | 33.2                               | 97.6                                     | 4 500*                             | 72.0                                 |
| 74.0                                 | 11.0                               | 73.2                                     | 2 700*                             | 17.8                               | 81.2                                     | 3 400*                             | 24.7                               | 88.9                                     | 4 100*                             | 30.0                               | 94.3                                     | 4 100*                             | 74.0                                 |
| 76.0                                 |                                    |                                          |                                    | 11.0                               | 73.1                                     | 3 000*                             | 20.4                               | 83.9                                     | 3 800*                             | 26.6                               | 90.5                                     | 3 800*                             | 76.0                                 |
| 78.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 14.8                               | 77.4                                     | 3 400*                             | 22.6                               | 86.0                                     | 3 500*                             | 78.0                                 |
| 80.0                                 |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 17.8                               | 80.4                                     | 3 200*                             | 80.0                                 |
| 82.0                                 |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 11.1                               | 72.4                                     | 2 900*                             | 82.0                                 |

# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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



## 999 SERIES 3

**57.9m (190 Ft.) Boom, 64.0m (210 Ft.) Luffing Jib, 9.1m (30 Ft.) Fixed Jib**

| Fixed Jib<br>Oper.<br>Rad.<br>Meters | 88 Degree<br>Boom Angle            |                                          |                                    | 86 Degree<br>Boom Angle            |                                          |                                    | 83 Degree<br>Boom Angle            |                                          |                                    | 80 Degree<br>Boom Angle            |                                          |                                    | Fixed Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|--------------------------------------|
|                                      | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms |                                      |
| 24.4                                 | 74.7                               | 131.5                                    | 9 800*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 24.4                                 |
| 26.0                                 | 73.4                               | 131.1                                    | 9 400*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 26.0                                 |
| 28.0                                 | 71.8                               | 130.4                                    | 9 300*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 28.0                                 |
| 30.0                                 | 70.1                               | 129.7                                    | 9 100*                             | 71.8                               | 130.3                                    | 11 000*                            |                                    |                                          |                                    |                                    |                                          |                                    | 30.0                                 |
| 32.0                                 | 68.5                               | 128.9                                    | 8 900*                             | 70.1                               | 129.6                                    | 10 700*                            |                                    |                                          |                                    |                                    |                                          |                                    | 32.0                                 |
| 34.0                                 | 66.8                               | 128.1                                    | 8 700*                             | 68.5                               | 128.8                                    | 10 200*                            |                                    |                                          |                                    |                                    |                                          |                                    | 34.0                                 |
| 36.0                                 | 65.1                               | 127.2                                    | 8 200*                             | 66.8                               | 127.9                                    | 9 700*                             |                                    |                                          |                                    |                                    |                                          |                                    | 36.0                                 |
| 38.0                                 | 63.4                               | 126.2                                    | 7 700*                             | 65.1                               | 127.0                                    | 9 300*                             | 67.7                               | 128.1                                    | 10 600*                            |                                    |                                          |                                    | 38.0                                 |
| 40.0                                 | 61.6                               | 125.1                                    | 7 300*                             | 63.4                               | 126.0                                    | 8 800*                             | 66.0                               | 127.2                                    | 10 500*                            |                                    |                                          |                                    | 40.0                                 |
| 42.0                                 | 59.8                               | 124.0                                    | 6 800*                             | 61.6                               | 125.0                                    | 8 300*                             | 64.3                               | 126.2                                    | 10 300*                            |                                    |                                          |                                    | 42.0                                 |
| 44.0                                 | 58.0                               | 122.7                                    | 6 400*                             | 59.8                               | 123.8                                    | 7 900*                             | 62.5                               | 125.2                                    | 9 900*                             | 65.1                               | 126.2                                    | 10 300*                            | 44.0                                 |
| 46.0                                 | 56.1                               | 121.4                                    | 6 100*                             | 58.0                               | 122.6                                    | 7 400*                             | 60.7                               | 124.1                                    | 9 400*                             | 63.4                               | 125.2                                    | 10 300*                            | 46.0                                 |
| 48.0                                 | 54.2                               | 120.0                                    | 5 700*                             | 56.2                               | 121.3                                    | 7 000*                             | 58.9                               | 122.9                                    | 9 000*                             | 61.6                               | 124.2                                    | 10 200*                            | 48.0                                 |
| 50.0                                 | 52.3                               | 118.5                                    | 5 300*                             | 54.3                               | 119.9                                    | 6 600*                             | 57.1                               | 121.6                                    | 8 500*                             | 59.8                               | 123.0                                    | 9 800*                             | 50.0                                 |
| 52.0                                 | 50.3                               | 116.8                                    | 5 000*                             | 52.3                               | 118.4                                    | 6 200*                             | 55.2                               | 120.3                                    | 8 100*                             | 58.0                               | 121.8                                    | 9 000*                             | 52.0                                 |
| 54.0                                 | 48.2                               | 115.1                                    | 4 700*                             | 50.3                               | 116.7                                    | 5 900*                             | 53.3                               | 118.8                                    | 7 600*                             | 56.2                               | 120.5                                    | 8 400*                             | 54.0                                 |
| 56.0                                 | 46.1                               | 113.2                                    | 4 400*                             | 48.3                               | 115.0                                    | 5 500*                             | 51.3                               | 117.2                                    | 7 200*                             | 54.3                               | 119.1                                    | 7 800*                             | 56.0                                 |
| 58.0                                 | 43.9                               | 111.2                                    | 4 200*                             | 46.1                               | 113.1                                    | 5 200*                             | 49.3                               | 115.5                                    | 6 800*                             | 52.3                               | 117.5                                    | 7 200*                             | 58.0                                 |
| 60.0                                 | 41.6                               | 109.0                                    | 3 900*                             | 43.9                               | 111.0                                    | 4 900*                             | 47.2                               | 113.7                                    | 6 400*                             | 50.3                               | 115.9                                    | 6 700*                             | 60.0                                 |
| 62.0                                 | 39.2                               | 106.6                                    | 3 700*                             | 41.6                               | 108.8                                    | 4 600*                             | 45.1                               | 111.8                                    | 6 100*                             | 48.3                               | 114.2                                    | 6 200*                             | 62.0                                 |
| 64.0                                 | 36.6                               | 103.9                                    | 3 500*                             | 39.2                               | 106.5                                    | 4 400*                             | 42.8                               | 109.7                                    | 5 700*                             | 46.1                               | 112.3                                    | 5 800*                             | 64.0                                 |
| 66.0                                 | 33.9                               | 101.1                                    | 3 300*                             | 36.7                               | 103.8                                    | 4 100*                             | 40.4                               | 107.4                                    | 5 300*                             | 43.9                               | 110.2                                    | 5 300*                             | 66.0                                 |
| 68.0                                 | 31.0                               | 97.9                                     | 3 200*                             | 33.9                               | 101.0                                    | 3 900*                             | 38.0                               | 104.9                                    | 4 900*                             | 41.6                               | 108.0                                    | 5 000*                             | 68.0                                 |
| 70.0                                 | 27.8                               | 94.2                                     | 3 000*                             | 31.0                               | 97.8                                     | 3 700*                             | 35.3                               | 102.1                                    | 4 500*                             | 39.2                               | 105.7                                    | 4 600*                             | 70.0                                 |
| 72.0                                 | 24.2                               | 90.0                                     | 2 800*                             | 27.8                               | 94.1                                     | 3 500*                             | 32.5                               | 99.1                                     | 4 200*                             | 36.7                               | 103.0                                    | 4 200*                             | 72.0                                 |
| 74.0                                 | 20.0                               | 85.0                                     | 2 500*                             | 24.2                               | 89.9                                     | 3 100*                             | 29.5                               | 95.7                                     | 3 900*                             | 33.9                               | 100.2                                    | 3 900*                             | 74.0                                 |
| 76.0                                 | 14.6                               | 78.3                                     | 2 200*                             | 20.0                               | 84.9                                     | 2 800*                             | 26.1                               | 91.8                                     | 3 500*                             | 31.0                               | 97.0                                     | 3 600*                             | 76.0                                 |
| 78.0                                 |                                    |                                          |                                    | 14.6                               | 78.3                                     | 2 500*                             | 22.2                               | 87.3                                     | 3 200*                             | 27.8                               | 93.3                                     | 3 300*                             | 78.0                                 |
| 80.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 17.6                               | 81.6                                     | 2 900*                             | 24.2                               | 89.1                                     | 3 000*                             | 80.0                                 |
| 82.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 11.1                               | 73.4                                     | 2 600*                             | 20.0                               | 84.1                                     | 2 700*                             | 82.0                                 |
| 84.0                                 |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 14.7                               | 77.5                                     | 2 400*                             | 84.0                                 |



# Liftcrane Fixed Jib Capacities

**999 SERIES 3**

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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

**57.9m (190 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib, 12.2m (40 Ft.) Fixed Jib**

| Fixed Jib Oper. Rad. Meters | 88 Degree Boom Angle      |                              |                              | 86 Degree Boom Angle      |                              |                              | 83 Degree Boom Angle      |                              |                              | 80 Degree Boom Angle      |                              |                              | Fixed Jib Oper. Rad. Meters |
|-----------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|-----------------------------|
|                             | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms |                             |
| 22.9                        | 74.3                      | 122.4                        | 11 700*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 22.9                        |
| 24.0                        | 73.3                      | 122.1                        | 11 400*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 24.0                        |
| 26.0                        | 71.4                      | 121.4                        | 11 300*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 26.0                        |
| 28.0                        | 69.5                      | 120.6                        | 10 900*                      | 71.4                      | 121.3                        | 13 400*                      |                           |                              |                              |                           |                              |                              | 28.0                        |
| 30.0                        | 67.6                      | 119.8                        | 10 600*                      | 69.5                      | 120.5                        | 12 900*                      |                           |                              |                              |                           |                              |                              | 30.0                        |
| 32.0                        | 65.7                      | 118.9                        | 10 300*                      | 67.6                      | 119.7                        | 12 300*                      |                           |                              |                              |                           |                              |                              | 32.0                        |
| 34.0                        | 63.7                      | 117.9                        | 9 700*                       | 65.7                      | 118.8                        | 11 600*                      | 68.6                      | 119.8                        | 13 000*                      |                           |                              |                              | 34.0                        |
| 36.0                        | 61.7                      | 116.8                        | 9 100*                       | 63.7                      | 117.8                        | 10 900*                      | 66.7                      | 118.9                        | 12 900*                      |                           |                              |                              | 36.0                        |
| 38.0                        | 59.6                      | 115.7                        | 8 400*                       | 61.7                      | 116.7                        | 10 300*                      | 64.7                      | 118.0                        | 12 800*                      |                           |                              |                              | 38.0                        |
| 40.0                        | 57.5                      | 114.4                        | 7 900*                       | 59.7                      | 115.5                        | 9 600*                       | 62.7                      | 116.9                        | 12 200*                      | 65.7                      | 118.0                        | 12 800*                      | 40.0                        |
| 42.0                        | 55.4                      | 113.0                        | 7 300*                       | 57.6                      | 114.3                        | 9 000*                       | 60.7                      | 115.8                        | 11 600*                      | 63.7                      | 117.0                        | 12 700*                      | 42.0                        |
| 44.0                        | 53.2                      | 111.5                        | 6 800*                       | 55.4                      | 112.9                        | 8 400*                       | 58.6                      | 114.6                        | 10 900*                      | 61.7                      | 115.9                        | 12 700*                      | 44.0                        |
| 46.0                        | 50.9                      | 109.9                        | 6 400*                       | 53.2                      | 111.4                        | 7 800*                       | 56.5                      | 113.3                        | 10 300*                      | 59.7                      | 114.7                        | 12 500                       | 46.0                        |
| 48.0                        | 48.6                      | 108.1                        | 5 900*                       | 50.9                      | 109.8                        | 7 300*                       | 54.3                      | 111.8                        | 9 600*                       | 57.6                      | 113.5                        | 11 600*                      | 48.0                        |
| 50.0                        | 46.1                      | 106.2                        | 5 500*                       | 48.6                      | 108.0                        | 6 800*                       | 52.1                      | 110.3                        | 9 000*                       | 55.4                      | 112.1                        | 10 900*                      | 50.0                        |
| 52.0                        | 43.6                      | 104.1                        | 5 100*                       | 46.1                      | 106.1                        | 6 400*                       | 49.8                      | 108.6                        | 8 400*                       | 53.2                      | 110.6                        | 10 100*                      | 52.0                        |
| 54.0                        | 40.9                      | 101.9                        | 4 800*                       | 43.6                      | 104.0                        | 5 900*                       | 47.4                      | 106.8                        | 7 900*                       | 50.9                      | 109.0                        | 9 500*                       | 54.0                        |
| 56.0                        | 38.0                      | 99.3                         | 4 500*                       | 40.9                      | 101.7                        | 5 500*                       | 44.9                      | 104.8                        | 7 400*                       | 48.6                      | 107.2                        | 8 900*                       | 56.0                        |
| 58.0                        | 35.0                      | 96.5                         | 4 200*                       | 38.1                      | 99.2                         | 5 200*                       | 42.3                      | 102.6                        | 6 900*                       | 46.1                      | 105.3                        | 8 400*                       | 58.0                        |
| 60.0                        | 31.7                      | 93.4                         | 4 000*                       | 35.0                      | 96.4                         | 4 800*                       | 39.5                      | 100.2                        | 6 400*                       | 43.6                      | 103.2                        | 7 800*                       | 60.0                        |
| 62.0                        | 28.0                      | 89.7                         | 3 800*                       | 31.7                      | 93.3                         | 4 500*                       | 36.6                      | 97.6                         | 6 000*                       | 40.9                      | 100.9                        | 7 300*                       | 62.0                        |
| 64.0                        | 23.8                      | 85.4                         | 3 600*                       | 28.0                      | 89.6                         | 4 300*                       | 33.4                      | 94.6                         | 5 600*                       | 38.1                      | 98.4                         | 6 900*                       | 64.0                        |
| 66.0                        | 18.7                      | 80.0                         | 3 400*                       | 23.8                      | 85.3                         | 4 000*                       | 29.9                      | 91.2                         | 5 200*                       | 35.0                      | 95.6                         | 6 400*                       | 66.0                        |
| 68.0                        | 11.3                      | 71.9                         | 3 400*                       | 18.7                      | 79.9                         | 3 900*                       | 26.0                      | 87.3                         | 4 900*                       | 31.7                      | 92.5                         | 6 000*                       | 68.0                        |
| 70.0                        |                           |                              |                              | 11.4                      | 71.9                         | 3 800*                       | 21.5                      | 82.5                         | 4 600*                       | 28.0                      | 88.8                         | 5 600*                       | 70.0                        |
| 72.0                        |                           |                              |                              |                           |                              |                              | 15.6                      | 76.2                         | 4 500*                       | 23.8                      | 84.5                         | 5 300*                       | 72.0                        |
| 74.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 18.7                      | 79.1                         | 4 900*                       | 74.0                        |
| 76.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 11.5                      | 71.1                         | 4 600*                       | 76.0                        |

# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

Boom No. 82

99 610 kg Crane Counterweight

36 290 kg Carbody Counterweight

360 Degree Rating

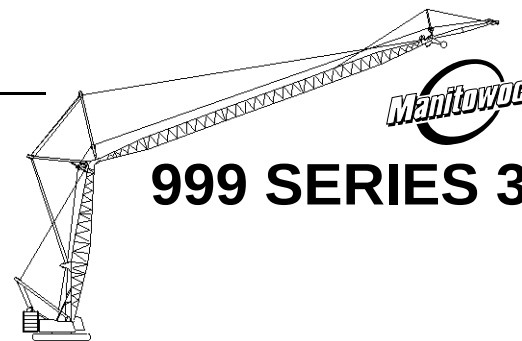
Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



**999 SERIES 3**

**57.9m (190 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib, 12.2m (40 Ft.) Fixed Jib**

| Fixed Jib Oper. Rad. Meters | 88 Degree Boom Angle      |                              |                              | 86 Degree Boom Angle      |                              |                              | 83 Degree Boom Angle      |                              |                              | 80 Degree Boom Angle      |                              |                              | Fixed Jib Oper. Rad. Meters |
|-----------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|-----------------------------|
|                             | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms |                             |
| 24.4                        | 73.7                      | 125.1                        | 10 700*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 24.4                        |
| 26.0                        | 72.3                      | 124.6                        | 10 500*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 26.0                        |
| 28.0                        | 70.5                      | 123.9                        | 10 300*                      | 72.3                      | 124.5                        | 12 500*                      |                           |                              |                              |                           |                              |                              | 28.0                        |
| 30.0                        | 68.7                      | 123.1                        | 10 100*                      | 70.5                      | 123.8                        | 12 200*                      |                           |                              |                              |                           |                              |                              | 30.0                        |
| 32.0                        | 66.8                      | 122.3                        | 9 700*                       | 68.7                      | 123.0                        | 11 700*                      |                           |                              |                              |                           |                              |                              | 32.0                        |
| 34.0                        | 65.0                      | 121.3                        | 9 400*                       | 66.9                      | 122.1                        | 11 100*                      |                           |                              |                              |                           |                              |                              | 34.0                        |
| 36.0                        | 63.1                      | 120.3                        | 8 800*                       | 65.0                      | 121.2                        | 10 500*                      | 67.8                      | 122.3                        | 12 000*                      |                           |                              |                              | 36.0                        |
| 38.0                        | 61.1                      | 119.2                        | 8 200*                       | 63.1                      | 120.2                        | 9 900*                       | 65.9                      | 121.4                        | 11 900*                      |                           |                              |                              | 38.0                        |
| 40.0                        | 59.2                      | 118.0                        | 7 700*                       | 61.2                      | 119.1                        | 9 400*                       | 64.1                      | 120.4                        | 11 700*                      |                           |                              |                              | 40.0                        |
| 42.0                        | 57.2                      | 116.7                        | 7 200*                       | 59.2                      | 117.9                        | 8 800*                       | 62.1                      | 119.3                        | 11 100*                      | 65.0                      | 120.4                        | 11 800*                      | 42.0                        |
| 44.0                        | 55.1                      | 115.3                        | 6 700*                       | 57.2                      | 116.6                        | 8 200*                       | 60.2                      | 118.2                        | 10 600*                      | 63.1                      | 119.4                        | 11 700*                      | 44.0                        |
| 46.0                        | 53.0                      | 113.8                        | 6 200*                       | 55.1                      | 115.2                        | 7 700*                       | 58.2                      | 116.9                        | 10 000*                      | 61.2                      | 118.3                        | 11 700*                      | 46.0                        |
| 48.0                        | 50.8                      | 112.2                        | 5 800*                       | 53.0                      | 113.7                        | 7 200*                       | 56.2                      | 115.6                        | 9 400*                       | 59.2                      | 117.1                        | 11 400*                      | 48.0                        |
| 50.0                        | 48.6                      | 110.4                        | 5 400*                       | 50.8                      | 112.1                        | 6 700*                       | 54.1                      | 114.2                        | 8 900*                       | 57.2                      | 115.8                        | 10 500*                      | 50.0                        |
| 52.0                        | 46.2                      | 108.5                        | 5 100*                       | 48.6                      | 110.3                        | 6 300*                       | 52.0                      | 112.6                        | 8 300*                       | 55.1                      | 114.4                        | 9 800*                       | 52.0                        |
| 54.0                        | 43.8                      | 106.5                        | 4 700*                       | 46.3                      | 108.4                        | 5 900*                       | 49.7                      | 110.9                        | 7 800*                       | 53.0                      | 112.9                        | 9 200*                       | 54.0                        |
| 56.0                        | 41.3                      | 104.2                        | 4 500*                       | 43.8                      | 106.4                        | 5 500*                       | 47.5                      | 109.1                        | 7 300*                       | 50.9                      | 111.3                        | 8 600*                       | 56.0                        |
| 58.0                        | 38.6                      | 101.7                        | 4 200*                       | 41.3                      | 104.1                        | 5 200*                       | 45.1                      | 107.1                        | 6 800*                       | 48.6                      | 109.5                        | 8 000*                       | 58.0                        |
| 60.0                        | 35.7                      | 99.0                         | 3 900*                       | 38.6                      | 101.6                        | 4 800*                       | 42.6                      | 104.9                        | 6 400*                       | 46.3                      | 107.6                        | 7 500*                       | 60.0                        |
| 62.0                        | 32.6                      | 95.9                         | 3 700*                       | 35.7                      | 98.9                         | 4 500*                       | 40.0                      | 102.6                        | 6 000*                       | 43.8                      | 105.6                        | 7 000*                       | 62.0                        |
| 64.0                        | 29.3                      | 92.5                         | 3 500*                       | 32.7                      | 95.8                         | 4 300*                       | 37.2                      | 100.0                        | 5 600*                       | 41.3                      | 103.3                        | 6 600*                       | 64.0                        |
| 66.0                        | 25.5                      | 88.4                         | 3 300*                       | 29.3                      | 92.4                         | 4 000*                       | 34.3                      | 97.1                         | 5 300*                       | 38.6                      | 100.8                        | 6 100*                       | 66.0                        |
| 68.0                        | 21.0                      | 83.5                         | 3 200*                       | 25.5                      | 88.3                         | 3 800*                       | 31.0                      | 93.9                         | 4 900*                       | 35.8                      | 98.1                         | 5 700*                       | 68.0                        |
| 70.0                        | 15.3                      | 77.1                         | 3 100*                       | 21.0                      | 83.5                         | 3 600*                       | 27.5                      | 90.1                         | 4 700*                       | 32.7                      | 95.0                         | 5 300*                       | 70.0                        |
| 72.0                        |                           |                              |                              | 15.3                      | 77.0                         | 3 500*                       | 23.4                      | 85.8                         | 4 400*                       | 29.3                      | 91.6                         | 5 000*                       | 72.0                        |
| 74.0                        |                           |                              |                              |                           |                              |                              | 18.4                      | 80.2                         | 4 200*                       | 25.5                      | 87.6                         | 4 600*                       | 74.0                        |
| 76.0                        |                           |                              |                              |                           |                              |                              | 11.4                      | 72.2                         | 4 000*                       | 21.1                      | 82.7                         | 4 300*                       | 76.0                        |
| 78.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 15.3                      | 76.2                         | 4 000*                       | 78.0                        |



# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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

**57.9m (190 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib, 12.2m (40 Ft.) Fixed Jib**

| Fixed Jib Oper. Rad. Meters | 88 Degree Boom Angle      |                              |                              | 86 Degree Boom Angle      |                              |                              | 83 Degree Boom Angle      |                              |                              | 80 Degree Boom Angle      |                              |                              | Fixed Jib Oper. Rad. Meters |
|-----------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|-----------------------------|
|                             | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms |                             |
| 24.4                        | 74.4                      | 128.3                        | 10 000*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 24.4                        |
| 26.0                        | 73.1                      | 127.8                        | 10 000*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 26.0                        |
| 28.0                        | 71.4                      | 127.1                        | 9 600*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 28.0                        |
| 30.0                        | 69.6                      | 126.4                        | 9 500*                       | 71.4                      | 127.0                        | 11 400*                      |                           |                              |                              |                           |                              |                              | 30.0                        |
| 32.0                        | 67.9                      | 125.6                        | 9 200*                       | 69.7                      | 126.3                        | 11 200*                      |                           |                              |                              |                           |                              |                              | 32.0                        |
| 34.0                        | 66.1                      | 124.7                        | 9 000*                       | 67.9                      | 125.5                        | 10 700*                      |                           |                              |                              |                           |                              |                              | 34.0                        |
| 36.0                        | 64.3                      | 123.7                        | 8 500*                       | 66.1                      | 124.6                        | 10 100*                      | 68.8                      | 125.6                        | 11 300*                      |                           |                              |                              | 36.0                        |
| 38.0                        | 62.5                      | 122.7                        | 8 000*                       | 64.3                      | 123.6                        | 9 600*                       | 67.0                      | 124.7                        | 11 200*                      |                           |                              |                              | 38.0                        |
| 40.0                        | 60.7                      | 121.6                        | 7 500*                       | 62.5                      | 122.6                        | 9 100*                       | 65.3                      | 123.8                        | 11 100*                      |                           |                              |                              | 40.0                        |
| 42.0                        | 58.8                      | 120.4                        | 7 000*                       | 60.7                      | 121.4                        | 8 500*                       | 63.5                      | 122.8                        | 10 700*                      | 66.1                      | 123.8                        | 11 000*                      | 42.0                        |
| 44.0                        | 56.8                      | 119.0                        | 6 500*                       | 58.8                      | 120.2                        | 8 000*                       | 61.6                      | 121.7                        | 10 200*                      | 64.4                      | 122.8                        | 11 000*                      | 44.0                        |
| 46.0                        | 54.9                      | 117.6                        | 6 100*                       | 56.8                      | 118.9                        | 7 500*                       | 59.7                      | 120.5                        | 9 700*                       | 62.5                      | 121.8                        | 10 900*                      | 46.0                        |
| 48.0                        | 52.8                      | 116.1                        | 5 700*                       | 54.9                      | 117.5                        | 7 100*                       | 57.8                      | 119.3                        | 9 200*                       | 60.7                      | 120.6                        | 10 900*                      | 48.0                        |
| 50.0                        | 50.7                      | 114.5                        | 5 400*                       | 52.8                      | 116.0                        | 6 600*                       | 55.9                      | 117.9                        | 8 700*                       | 58.8                      | 119.4                        | 10 400*                      | 50.0                        |
| 52.0                        | 48.6                      | 112.7                        | 5 000*                       | 50.8                      | 114.4                        | 6 200*                       | 53.9                      | 116.5                        | 8 200*                       | 56.9                      | 118.1                        | 9 700*                       | 52.0                        |
| 54.0                        | 46.4                      | 110.8                        | 4 700*                       | 48.6                      | 112.6                        | 5 800*                       | 51.8                      | 114.9                        | 7 700*                       | 54.9                      | 116.7                        | 9 000*                       | 54.0                        |
| 56.0                        | 44.1                      | 108.8                        | 4 400*                       | 46.4                      | 110.7                        | 5 500*                       | 49.7                      | 113.2                        | 7 300*                       | 52.9                      | 115.2                        | 8 400*                       | 56.0                        |
| 58.0                        | 41.6                      | 106.6                        | 4 100*                       | 44.1                      | 108.7                        | 5 100*                       | 47.5                      | 111.4                        | 6 800*                       | 50.8                      | 113.6                        | 7 900*                       | 58.0                        |
| 60.0                        | 39.1                      | 104.1                        | 3 900*                       | 41.7                      | 106.5                        | 4 800*                       | 45.3                      | 109.4                        | 6 400*                       | 48.6                      | 111.8                        | 7 300*                       | 60.0                        |
| 62.0                        | 36.4                      | 101.5                        | 3 600*                       | 39.1                      | 104.0                        | 4 500*                       | 42.9                      | 107.3                        | 6 000*                       | 46.4                      | 109.9                        | 6 900*                       | 62.0                        |
| 64.0                        | 33.5                      | 98.5                         | 3 400*                       | 36.4                      | 101.4                        | 4 200*                       | 40.4                      | 105.0                        | 5 600*                       | 44.1                      | 107.9                        | 6 400*                       | 64.0                        |
| 66.0                        | 30.4                      | 95.2                         | 3 300*                       | 33.5                      | 98.4                         | 4 000*                       | 37.8                      | 102.4                        | 5 300*                       | 41.7                      | 105.7                        | 6 000*                       | 66.0                        |
| 68.0                        | 26.9                      | 91.3                         | 3 100*                       | 30.4                      | 95.1                         | 3 800*                       | 35.0                      | 99.6                         | 5 000*                       | 39.1                      | 103.2                        | 5 600*                       | 68.0                        |
| 70.0                        | 22.9                      | 86.8                         | 3 000*                       | 26.9                      | 91.3                         | 3 600*                       | 32.0                      | 96.5                         | 4 700*                       | 36.4                      | 100.6                        | 5 200*                       | 70.0                        |
| 72.0                        | 18.1                      | 81.2                         | 2 900*                       | 22.9                      | 86.8                         | 3 400*                       | 28.7                      | 92.9                         | 4 400*                       | 33.5                      | 97.6                         | 4 800*                       | 72.0                        |
| 74.0                        | 11.2                      | 73.0                         | 2 800*                       | 18.1                      | 81.1                         | 3 300*                       | 25.0                      | 88.8                         | 4 200*                       | 30.4                      | 94.3                         | 4 500*                       | 74.0                        |
| 76.0                        |                           |                              |                              | 11.3                      | 73.0                         | 3 200*                       | 20.7                      | 83.8                         | 4 000*                       | 26.9                      | 90.5                         | 4 200*                       | 76.0                        |
| 78.0                        |                           |                              |                              |                           |                              |                              | 15.2                      | 77.3                         | 3 800*                       | 23.0                      | 86.0                         | 3 900*                       | 78.0                        |
| 80.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 18.1                      | 80.3                         | 3 600*                       | 80.0                        |
| 82.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 11.3                      | 72.2                         | 3 300*                       | 82.0                        |

# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

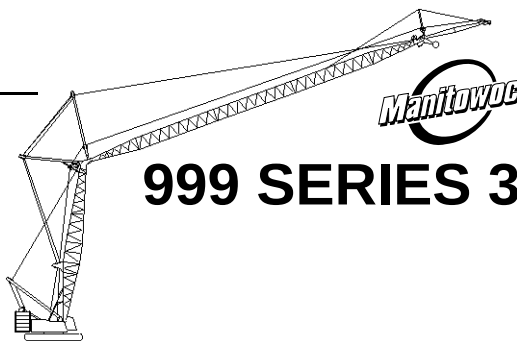
Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



**999 SERIES 3**

**57.9m (190 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib, 12.2m (40 Ft.) Fixed Jib**

| Fixed Jib<br>Oper.<br>Rad.<br>Meters | 88 Degree<br>Boom Angle            |                                          |                                    | 86 Degree<br>Boom Angle            |                                          |                                    | 83 Degree<br>Boom Angle            |                                          |                                    | 80 Degree<br>Boom Angle            |                                          |                                    | Fixed Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|--------------------------------------|
|                                      | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms |                                      |
| 25.9                                 | 73.9                               | 131.0                                    | 9 300*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 25.9                                 |
| 26.0                                 | 73.8                               | 131.0                                    | 9 300*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 26.0                                 |
| 28.0                                 | 72.2                               | 130.4                                    | 9 100*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 28.0                                 |
| 30.0                                 | 70.5                               | 129.7                                    | 8 900*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 30.0                                 |
| 32.0                                 | 68.9                               | 128.9                                    | 8 700*                             | 70.5                               | 129.5                                    | 10 500*                            |                                    |                                          |                                    |                                    |                                          |                                    | 32.0                                 |
| 34.0                                 | 67.2                               | 128.0                                    | 8 500*                             | 68.9                               | 128.8                                    | 10 100*                            |                                    |                                          |                                    |                                    |                                          |                                    | 34.0                                 |
| 36.0                                 | 65.5                               | 127.1                                    | 8 200*                             | 67.2                               | 127.9                                    | 9 700*                             |                                    |                                          |                                    |                                    |                                          |                                    | 36.0                                 |
| 38.0                                 | 63.7                               | 126.1                                    | 7 700*                             | 65.5                               | 127.0                                    | 9 200*                             | 68.0                               | 128.0                                    | 10 400*                            |                                    |                                          |                                    | 38.0                                 |
| 40.0                                 | 62.0                               | 125.1                                    | 7 200*                             | 63.8                               | 126.0                                    | 8 700*                             | 66.4                               | 127.1                                    | 10 400*                            |                                    |                                          |                                    | 40.0                                 |
| 42.0                                 | 60.2                               | 123.9                                    | 6 800*                             | 62.0                               | 124.9                                    | 8 200*                             | 64.6                               | 126.2                                    | 10 200*                            |                                    |                                          |                                    | 42.0                                 |
| 44.0                                 | 58.4                               | 122.7                                    | 6 300*                             | 60.2                               | 123.8                                    | 7 800*                             | 62.9                               | 125.2                                    | 9 800*                             | 65.5                               | 126.2                                    | 10 100*                            | 44.0                                 |
| 46.0                                 | 56.5                               | 121.4                                    | 6 000*                             | 58.4                               | 122.6                                    | 7 300*                             | 61.1                               | 124.1                                    | 9 300*                             | 63.8                               | 125.2                                    | 10 100*                            | 46.0                                 |
| 48.0                                 | 54.6                               | 120.0                                    | 5 600*                             | 56.5                               | 121.3                                    | 6 900*                             | 59.3                               | 122.9                                    | 8 900*                             | 62.0                               | 124.1                                    | 10 100*                            | 48.0                                 |
| 50.0                                 | 52.7                               | 118.4                                    | 5 200*                             | 54.6                               | 119.8                                    | 6 500*                             | 57.5                               | 121.6                                    | 8 400*                             | 60.2                               | 123.0                                    | 10 000*                            | 50.0                                 |
| 52.0                                 | 50.7                               | 116.8                                    | 4 900*                             | 52.7                               | 118.3                                    | 6 100*                             | 55.6                               | 120.2                                    | 8 000*                             | 58.4                               | 121.8                                    | 9 300*                             | 52.0                                 |
| 54.0                                 | 48.6                               | 115.0                                    | 4 600*                             | 50.7                               | 116.7                                    | 5 700*                             | 53.7                               | 118.8                                    | 7 500*                             | 56.5                               | 120.4                                    | 8 700*                             | 54.0                                 |
| 56.0                                 | 46.5                               | 113.2                                    | 4 300*                             | 48.6                               | 114.9                                    | 5 400*                             | 51.7                               | 117.2                                    | 7 100*                             | 54.6                               | 119.0                                    | 8 100*                             | 56.0                                 |
| 58.0                                 | 44.3                               | 111.1                                    | 4 100*                             | 46.5                               | 113.0                                    | 5 100*                             | 49.7                               | 115.5                                    | 6 700*                             | 52.7                               | 117.5                                    | 7 500*                             | 58.0                                 |
| 60.0                                 | 42.0                               | 108.9                                    | 3 800*                             | 44.3                               | 111.0                                    | 4 700*                             | 47.6                               | 113.7                                    | 6 300*                             | 50.7                               | 115.9                                    | 7 000*                             | 60.0                                 |
| 62.0                                 | 39.5                               | 106.5                                    | 3 600*                             | 42.0                               | 108.8                                    | 4 400*                             | 45.4                               | 111.7                                    | 5 900*                             | 48.6                               | 114.1                                    | 6 600*                             | 62.0                                 |
| 64.0                                 | 37.0                               | 103.9                                    | 3 400*                             | 39.6                               | 106.4                                    | 4 200*                             | 43.2                               | 109.6                                    | 5 600*                             | 46.5                               | 112.2                                    | 6 100*                             | 64.0                                 |
| 66.0                                 | 34.3                               | 101.0                                    | 3 200*                             | 37.0                               | 103.8                                    | 4 000*                             | 40.8                               | 107.3                                    | 5 300*                             | 44.3                               | 110.2                                    | 5 700*                             | 66.0                                 |
| 68.0                                 | 31.3                               | 97.8                                     | 3 000*                             | 34.3                               | 100.9                                    | 3 700*                             | 38.3                               | 104.8                                    | 5 000*                             | 42.0                               | 108.0                                    | 5 300*                             | 68.0                                 |
| 70.0                                 | 28.1                               | 94.2                                     | 2 900*                             | 31.4                               | 97.7                                     | 3 500*                             | 35.7                               | 102.1                                    | 4 700*                             | 39.6                               | 105.6                                    | 4 900*                             | 70.0                                 |
| 72.0                                 | 24.5                               | 90.0                                     | 2 700*                             | 28.2                               | 94.1                                     | 3 400*                             | 32.9                               | 99.0                                     | 4 400*                             | 37.0                               | 103.0                                    | 4 500*                             | 72.0                                 |
| 74.0                                 | 20.3                               | 84.9                                     | 2 700*                             | 24.5                               | 89.9                                     | 3 200*                             | 29.8                               | 95.6                                     | 4 100*                             | 34.3                               | 100.1                                    | 4 200*                             | 74.0                                 |
| 76.0                                 | 14.9                               | 78.2                                     | 2 500*                             | 20.3                               | 84.8                                     | 3 100*                             | 26.4                               | 91.8                                     | 3 800*                             | 31.4                               | 96.9                                     | 3 900*                             | 76.0                                 |
| 78.0                                 |                                    |                                          |                                    | 14.9                               | 78.1                                     | 2 800*                             | 22.6                               | 87.2                                     | 3 500*                             | 28.2                               | 93.3                                     | 3 500*                             | 78.0                                 |
| 80.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 17.9                               | 81.5                                     | 3 200*                             | 24.6                               | 89.1                                     | 3 300*                             | 80.0                                 |
| 82.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 11.3                               | 73.3                                     | 2 900*                             | 20.3                               | 84.0                                     | 3 000*                             | 82.0                                 |
| 84.0                                 |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 15.0                               | 77.4                                     | 2 700*                             | 84.0                                 |



# Liftcrane Fixed Jib Capacities

**999 SERIES 3**

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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

**57.9m (190 Ft.) Boom, 64.0m (210 Ft.) Luffing Jib, 12.2m (40 Ft.) Fixed Jib**

| Fixed Jib Oper. Rad. Meters | 88 Degree Boom Angle      |                              |                              | 86 Degree Boom Angle      |                              |                              | 83 Degree Boom Angle      |                              |                              | 80 Degree Boom Angle      |                              |                              | Fixed Jib Oper. Rad. Meters |
|-----------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|-----------------------------|
|                             | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms |                             |
| 25.9                        | 74.5                      | 134.2                        | 8 600*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 25.9                        |
| 26.0                        | 74.5                      | 134.2                        | 8 600*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 26.0                        |
| 28.0                        | 72.9                      | 133.6                        | 8 400*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 28.0                        |
| 30.0                        | 71.3                      | 132.9                        | 8 300*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 30.0                        |
| 32.0                        | 69.7                      | 132.2                        | 8 200*                       | 71.3                      | 132.8                        | 9 800*                       |                           |                              |                              |                           |                              |                              | 32.0                        |
| 34.0                        | 68.1                      | 131.4                        | 8 000*                       | 69.7                      | 132.0                        | 9 700*                       |                           |                              |                              |                           |                              |                              | 34.0                        |
| 36.0                        | 66.5                      | 130.5                        | 7 800*                       | 68.1                      | 131.2                        | 9 200*                       |                           |                              |                              |                           |                              |                              | 36.0                        |
| 38.0                        | 64.9                      | 129.5                        | 7 400*                       | 66.5                      | 130.4                        | 8 800*                       |                           |                              |                              |                           |                              |                              | 38.0                        |
| 40.0                        | 63.2                      | 128.5                        | 6 900*                       | 64.9                      | 129.4                        | 8 300*                       | 67.3                      | 130.5                        | 9 600*                       |                           |                              |                              | 40.0                        |
| 42.0                        | 61.5                      | 127.4                        | 6 600*                       | 63.2                      | 128.4                        | 7 900*                       | 65.7                      | 129.6                        | 9 500*                       |                           |                              |                              | 42.0                        |
| 44.0                        | 59.8                      | 126.3                        | 6 200*                       | 61.5                      | 127.3                        | 7 500*                       | 64.1                      | 128.6                        | 9 300*                       |                           |                              |                              | 44.0                        |
| 46.0                        | 58.0                      | 125.0                        | 5 800*                       | 59.8                      | 126.2                        | 7 100*                       | 62.4                      | 127.6                        | 9 000*                       | 64.9                      | 128.6                        | 9 300*                       | 46.0                        |
| 48.0                        | 56.2                      | 123.7                        | 5 400*                       | 58.0                      | 124.9                        | 6 700*                       | 60.7                      | 126.4                        | 8 500*                       | 63.2                      | 127.6                        | 9 300*                       | 48.0                        |
| 50.0                        | 54.4                      | 122.3                        | 5 100*                       | 56.2                      | 123.6                        | 6 300*                       | 58.9                      | 125.2                        | 8 100*                       | 61.5                      | 126.5                        | 9 300*                       | 50.0                        |
| 52.0                        | 52.5                      | 120.7                        | 4 800*                       | 54.4                      | 122.1                        | 5 900*                       | 57.2                      | 123.9                        | 7 700*                       | 59.8                      | 125.4                        | 9 100*                       | 52.0                        |
| 54.0                        | 50.6                      | 119.1                        | 4 500*                       | 52.5                      | 120.6                        | 5 600*                       | 55.4                      | 122.6                        | 7 300*                       | 58.0                      | 124.1                        | 8 400*                       | 54.0                        |
| 56.0                        | 48.6                      | 117.3                        | 4 200*                       | 50.6                      | 119.0                        | 5 300*                       | 53.5                      | 121.1                        | 6 900*                       | 56.3                      | 122.8                        | 7 800*                       | 56.0                        |
| 58.0                        | 46.6                      | 115.5                        | 4 000*                       | 48.6                      | 117.2                        | 5 000*                       | 51.6                      | 119.5                        | 6 600*                       | 54.4                      | 121.3                        | 7 300*                       | 58.0                        |
| 60.0                        | 44.5                      | 113.4                        | 3 700*                       | 46.6                      | 115.3                        | 4 700*                       | 49.7                      | 117.8                        | 6 200*                       | 52.6                      | 119.8                        | 6 800*                       | 60.0                        |
| 62.0                        | 42.3                      | 111.3                        | 3 500*                       | 44.5                      | 113.3                        | 4 400*                       | 47.6                      | 116.0                        | 5 800*                       | 50.6                      | 118.2                        | 6 300*                       | 62.0                        |
| 64.0                        | 40.0                      | 108.9                        | 3 400*                       | 42.3                      | 111.1                        | 4 100*                       | 45.6                      | 114.0                        | 5 500*                       | 48.7                      | 116.4                        | 5 800*                       | 64.0                        |
| 66.0                        | 37.5                      | 106.3                        | 3 100*                       | 40.0                      | 108.8                        | 3 900*                       | 43.4                      | 111.9                        | 5 200*                       | 46.6                      | 114.5                        | 5 400*                       | 66.0                        |
| 68.0                        | 35.0                      | 103.5                        | 3 000*                       | 37.6                      | 106.2                        | 3 700*                       | 41.2                      | 109.7                        | 4 900*                       | 44.5                      | 112.5                        | 5 000*                       | 68.0                        |
| 70.0                        | 32.2                      | 100.4                        | 2 800*                       | 35.0                      | 103.4                        | 3 500*                       | 38.8                      | 107.2                        | 4 600*                       | 42.3                      | 110.3                        | 4 600*                       | 70.0                        |
| 72.0                        | 29.2                      | 96.9                         | 2 700*                       | 32.2                      | 100.3                        | 3 300*                       | 36.3                      | 104.5                        | 4 200*                       | 40.0                      | 108.0                        | 4 300*                       | 72.0                        |
| 74.0                        | 25.9                      | 92.9                         | 2 600*                       | 29.2                      | 96.8                         | 3 100*                       | 33.7                      | 101.6                        | 3 900*                       | 37.6                      | 105.4                        | 3 900*                       | 74.0                        |
| 76.0                        | 22.1                      | 88.2                         | 2 300*                       | 25.9                      | 92.8                         | 2 900*                       | 30.8                      | 98.3                         | 3 600*                       | 35.0                      | 102.6                        | 3 600*                       | 76.0                        |
| 78.0                        | 17.5                      | 82.4                         | 2 000*                       | 22.2                      | 88.2                         | 2 600*                       | 27.7                      | 94.6                         | 3 300*                       | 32.2                      | 99.5                         | 3 300*                       | 78.0                        |
| 80.0                        |                           |                              |                              | 17.6                      | 82.4                         | 2 300*                       | 24.1                      | 90.3                         | 3 000*                       | 29.3                      | 96.0                         | 3 000*                       | 80.0                        |
| 82.0                        |                           |                              |                              | 11.2                      | 74.0                         | 2 100*                       | 20.0                      | 85.2                         | 2 700*                       | 26.0                      | 92.0                         | 2 700*                       | 82.0                        |
| 84.0                        |                           |                              |                              |                           |                              |                              | 14.8                      | 78.4                         | 2 400*                       | 22.2                      | 87.4                         | 2 500*                       | 84.0                        |
| 86.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 17.6                      | 81.6                         | 2 200*                       | 86.0                        |
| 88.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 11.3                      | 73.3                         | 2 000*                       | 88.0                        |

# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

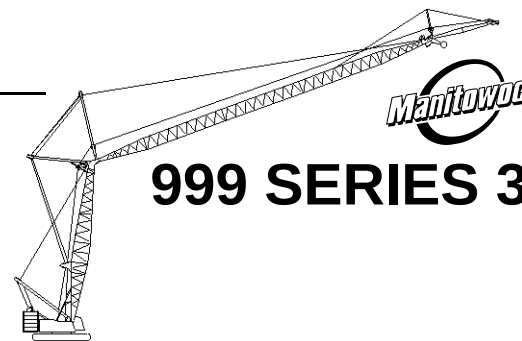
Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 999 SERIES 3

57.9m (190 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib, 15.2m (50 Ft.) Fixed Jib

| Fixed Jib Oper. Rad. Meters | 88 Degree Boom Angle      |                              |                              | 86 Degree Boom Angle      |                              |                              | 83 Degree Boom Angle      |                              |                              | 80 Degree Boom Angle      |                              |                              | Fixed Jib Oper. Rad. Meters |
|-----------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|-----------------------------|
|                             | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms |                             |
| 24.4                        | 74.2                      | 125.2                        | 10 400*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 24.4                        |
| 26.0                        | 72.8                      | 124.7                        | 10 100*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 26.0                        |
| 28.0                        | 71.0                      | 124.0                        | 9 900*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 28.0                        |
| 30.0                        | 69.2                      | 123.2                        | 9 700*                       | 71.0                      | 123.9                        | 11 700*                      |                           |                              |                              |                           |                              |                              | 30.0                        |
| 32.0                        | 67.3                      | 122.4                        | 9 600*                       | 69.2                      | 123.1                        | 11 600*                      |                           |                              |                              |                           |                              |                              | 32.0                        |
| 34.0                        | 65.5                      | 121.4                        | 9 300*                       | 67.4                      | 122.3                        | 11 200*                      |                           |                              |                              |                           |                              |                              | 34.0                        |
| 36.0                        | 63.6                      | 120.4                        | 8 900*                       | 65.5                      | 121.3                        | 10 600*                      | 68.3                      | 122.4                        | 11 500*                      |                           |                              |                              | 36.0                        |
| 38.0                        | 61.7                      | 119.4                        | 8 300*                       | 63.6                      | 120.3                        | 10 000*                      | 66.4                      | 121.5                        | 11 500*                      |                           |                              |                              | 38.0                        |
| 40.0                        | 59.7                      | 118.2                        | 7 700*                       | 61.7                      | 119.2                        | 9 400*                       | 64.6                      | 120.5                        | 11 400*                      |                           |                              |                              | 40.0                        |
| 42.0                        | 57.7                      | 116.9                        | 7 200*                       | 59.7                      | 118.1                        | 8 800*                       | 62.7                      | 119.5                        | 11 100*                      | 65.5                      | 120.5                        | 11 300*                      | 42.0                        |
| 44.0                        | 55.7                      | 115.5                        | 6 800*                       | 57.7                      | 116.8                        | 8 300*                       | 60.7                      | 118.3                        | 10 600*                      | 63.6                      | 119.5                        | 11 300*                      | 44.0                        |
| 46.0                        | 53.5                      | 114.0                        | 6 300*                       | 55.7                      | 115.4                        | 7 800*                       | 58.7                      | 117.1                        | 10 000*                      | 61.7                      | 118.4                        | 11 300*                      | 46.0                        |
| 48.0                        | 51.4                      | 112.4                        | 5 900*                       | 53.6                      | 113.9                        | 7 200*                       | 56.7                      | 115.8                        | 9 400*                       | 59.7                      | 117.2                        | 11 200*                      | 48.0                        |
| 50.0                        | 49.1                      | 110.7                        | 5 500*                       | 51.4                      | 112.3                        | 6 800*                       | 54.6                      | 114.4                        | 8 900*                       | 57.7                      | 116.0                        | 10 900*                      | 50.0                        |
| 52.0                        | 46.8                      | 108.8                        | 5 100*                       | 49.2                      | 110.6                        | 6 300*                       | 52.5                      | 112.8                        | 8 300*                       | 55.7                      | 114.6                        | 10 300*                      | 52.0                        |
| 54.0                        | 44.4                      | 106.8                        | 4 700*                       | 46.8                      | 108.7                        | 5 900*                       | 50.3                      | 111.1                        | 7 900*                       | 53.6                      | 113.1                        | 9 700*                       | 54.0                        |
| 56.0                        | 41.9                      | 104.5                        | 4 400*                       | 44.4                      | 106.6                        | 5 500*                       | 48.0                      | 109.3                        | 7 300*                       | 51.4                      | 111.5                        | 9 000*                       | 56.0                        |
| 58.0                        | 39.2                      | 102.1                        | 4 200*                       | 41.9                      | 104.4                        | 5 100*                       | 45.7                      | 107.4                        | 6 800*                       | 49.2                      | 109.8                        | 8 500*                       | 58.0                        |
| 60.0                        | 36.4                      | 99.4                         | 3 900*                       | 39.2                      | 102.0                        | 4 800*                       | 43.2                      | 105.2                        | 6 400*                       | 46.9                      | 107.9                        | 8 000*                       | 60.0                        |
| 62.0                        | 33.3                      | 96.4                         | 3 600*                       | 36.4                      | 99.3                         | 4 500*                       | 40.6                      | 102.9                        | 6 000*                       | 44.4                      | 105.8                        | 7 500*                       | 62.0                        |
| 64.0                        | 30.0                      | 93.0                         | 3 400*                       | 33.4                      | 96.3                         | 4 200*                       | 37.9                      | 100.4                        | 5 600*                       | 41.9                      | 103.6                        | 7 000*                       | 64.0                        |
| 66.0                        | 26.3                      | 89.0                         | 3 300*                       | 30.0                      | 92.9                         | 3 900*                       | 34.9                      | 97.5                         | 5 200*                       | 39.2                      | 101.2                        | 6 600*                       | 66.0                        |
| 68.0                        | 21.9                      | 84.3                         | 3 100*                       | 26.3                      | 88.9                         | 3 700*                       | 31.8                      | 94.3                         | 4 900*                       | 36.4                      | 98.5                         | 6 100*                       | 68.0                        |
| 70.0                        | 16.4                      | 78.1                         | 3 000*                       | 21.9                      | 84.2                         | 3 500*                       | 28.2                      | 90.7                         | 4 600*                       | 33.4                      | 95.5                         | 5 800*                       | 70.0                        |
| 72.0                        |                           |                              |                              | 16.5                      | 78.0                         | 3 400*                       | 24.2                      | 86.4                         | 4 300*                       | 30.0                      | 92.1                         | 5 400*                       | 72.0                        |
| 74.0                        |                           |                              |                              |                           |                              |                              | 19.4                      | 81.1                         | 4 100*                       | 26.3                      | 88.1                         | 5 000*                       | 74.0                        |
| 76.0                        |                           |                              |                              |                           |                              |                              | 12.9                      | 73.6                         | 3 900*                       | 22.0                      | 83.4                         | 4 700*                       | 76.0                        |
| 78.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 16.5                      | 77.2                         | 4 400*                       | 78.0                        |



# Liftcrane Fixed Jib Capacities

**999 SERIES 3**

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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

**57.9m (190 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib, 15.2m (50 Ft.) Fixed Jib**

| Fixed Jib<br>Oper.<br>Rad.<br>Meters | 88 Degree<br>Boom Angle            |                                          |                                    | 86 Degree<br>Boom Angle            |                                          |                                    | 83 Degree<br>Boom Angle            |                                          |                                    | 80 Degree<br>Boom Angle            |                                          |                                    | Fixed Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|--------------------------------------|
|                                      | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms |                                      |
| 24.4                                 | 74.9                               | 128.4                                    | 9 600*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 24.4                                 |
| 26.0                                 | 73.5                               | 127.9                                    | 9 500*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 26.0                                 |
| 28.0                                 | 71.8                               | 127.2                                    | 9 400*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 28.0                                 |
| 30.0                                 | 70.1                               | 126.5                                    | 9 200*                             | 71.9                               | 127.1                                    | 11 100*                            |                                    |                                          |                                    |                                    |                                          |                                    | 30.0                                 |
| 32.0                                 | 68.4                               | 125.7                                    | 9 100*                             | 70.1                               | 126.4                                    | 10 900*                            |                                    |                                          |                                    |                                    |                                          |                                    | 32.0                                 |
| 34.0                                 | 66.6                               | 124.8                                    | 8 800*                             | 68.4                               | 125.6                                    | 10 700*                            |                                    |                                          |                                    |                                    |                                          |                                    | 34.0                                 |
| 36.0                                 | 64.8                               | 123.9                                    | 8 500*                             | 66.6                               | 124.7                                    | 10 100*                            |                                    |                                          |                                    |                                    |                                          |                                    | 36.0                                 |
| 38.0                                 | 63.0                               | 122.8                                    | 8 000*                             | 64.8                               | 123.7                                    | 9 600*                             | 67.5                               | 124.8                                    | 10 700*                            |                                    |                                          |                                    | 38.0                                 |
| 40.0                                 | 61.2                               | 121.7                                    | 7 500*                             | 63.0                               | 122.7                                    | 9 100*                             | 65.7                               | 123.9                                    | 10 700*                            |                                    |                                          |                                    | 40.0                                 |
| 42.0                                 | 59.3                               | 120.5                                    | 7 000*                             | 61.2                               | 121.6                                    | 8 600*                             | 63.9                               | 122.9                                    | 10 600*                            |                                    |                                          |                                    | 42.0                                 |
| 44.0                                 | 57.3                               | 119.2                                    | 6 600*                             | 59.3                               | 120.4                                    | 8 100*                             | 62.1                               | 121.8                                    | 10 200*                            | 64.8                               | 122.9                                    | 10 500*                            | 44.0                                 |
| 46.0                                 | 55.4                               | 117.8                                    | 6 200*                             | 57.4                               | 119.1                                    | 7 600*                             | 60.2                               | 120.7                                    | 9 700*                             | 63.0                               | 121.9                                    | 10 500*                            | 46.0                                 |
| 48.0                                 | 53.4                               | 116.3                                    | 5 800*                             | 55.4                               | 117.7                                    | 7 100*                             | 58.3                               | 119.4                                    | 9 200*                             | 61.2                               | 120.8                                    | 10 500*                            | 48.0                                 |
| 50.0                                 | 51.3                               | 114.7                                    | 5 400*                             | 53.4                               | 116.2                                    | 6 600*                             | 56.4                               | 118.1                                    | 8 700*                             | 59.3                               | 119.6                                    | 10 300*                            | 50.0                                 |
| 52.0                                 | 49.1                               | 113.0                                    | 5 000*                             | 51.3                               | 114.6                                    | 6 200*                             | 54.4                               | 116.7                                    | 8 200*                             | 57.4                               | 118.3                                    | 9 900*                             | 52.0                                 |
| 54.0                                 | 46.9                               | 111.1                                    | 4 700*                             | 49.2                               | 112.9                                    | 5 800*                             | 52.4                               | 115.1                                    | 7 700*                             | 55.4                               | 116.9                                    | 9 300*                             | 54.0                                 |
| 56.0                                 | 44.6                               | 109.1                                    | 4 400*                             | 46.9                               | 111.0                                    | 5 500*                             | 50.2                               | 113.4                                    | 7 300*                             | 53.4                               | 115.4                                    | 8 700*                             | 56.0                                 |
| 58.0                                 | 42.2                               | 106.9                                    | 4 100*                             | 44.6                               | 109.0                                    | 5 100*                             | 48.1                               | 111.6                                    | 6 800*                             | 51.3                               | 113.8                                    | 8 100*                             | 58.0                                 |
| 60.0                                 | 39.7                               | 104.5                                    | 3 800*                             | 42.2                               | 106.8                                    | 4 800*                             | 45.8                               | 109.7                                    | 6 400*                             | 49.2                               | 112.1                                    | 7 700*                             | 60.0                                 |
| 62.0                                 | 37.0                               | 101.8                                    | 3 600*                             | 39.7                               | 104.4                                    | 4 500*                             | 43.5                               | 107.6                                    | 6 000*                             | 46.9                               | 110.2                                    | 7 100*                             | 62.0                                 |
| 64.0                                 | 34.1                               | 98.9                                     | 3 400*                             | 37.0                               | 101.7                                    | 4 200*                             | 41.0                               | 105.3                                    | 5 600*                             | 44.6                               | 108.2                                    | 6 700*                             | 64.0                                 |
| 66.0                                 | 31.0                               | 95.6                                     | 3 200*                             | 34.2                               | 98.8                                     | 3 900*                             | 38.4                               | 102.8                                    | 5 200*                             | 42.2                               | 106.0                                    | 6 200*                             | 66.0                                 |
| 68.0                                 | 27.6                               | 91.9                                     | 3 000*                             | 31.1                               | 95.5                                     | 3 700*                             | 35.6                               | 100.0                                    | 4 900*                             | 39.7                               | 103.6                                    | 5 800*                             | 68.0                                 |
| 70.0                                 | 23.7                               | 87.5                                     | 2 900*                             | 27.6                               | 91.8                                     | 3 500*                             | 32.7                               | 96.9                                     | 4 600*                             | 37.0                               | 100.9                                    | 5 500*                             | 70.0                                 |
| 72.0                                 | 19.0                               | 82.1                                     | 2 800*                             | 23.8                               | 87.4                                     | 3 300*                             | 29.4                               | 93.4                                     | 4 300*                             | 34.2                               | 98.0                                     | 5 100*                             | 72.0                                 |
| 74.0                                 | 12.6                               | 74.4                                     | 2 800*                             | 19.1                               | 82.0                                     | 3 200*                             | 25.8                               | 89.4                                     | 4 100*                             | 31.1                               | 94.7                                     | 4 700*                             | 74.0                                 |
| 76.0                                 |                                    |                                          |                                    | 12.7                               | 74.4                                     | 3 100*                             | 21.6                               | 84.6                                     | 3 900*                             | 27.7                               | 91.0                                     | 4 400*                             | 76.0                                 |
| 78.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 16.3                               | 78.3                                     | 3 700*                             | 23.8                               | 86.6                                     | 4 100*                             | 78.0                                 |
| 80.0                                 |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 19.1                               | 81.2                                     | 3 800*                             | 80.0                                 |
| 82.0                                 |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 12.7                               | 73.6                                     | 3 500*                             | 82.0                                 |

# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

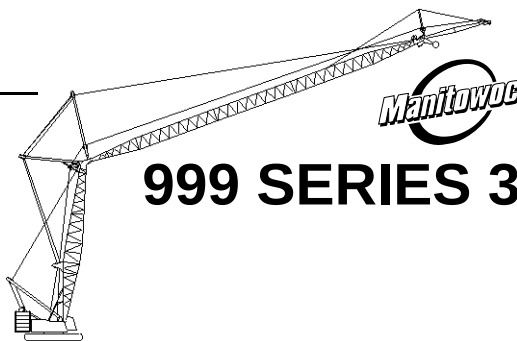
Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 999 SERIES 3

57.9m (190 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib, 15.2m (50 Ft.) Fixed Jib

| Fixed Jib<br>Oper.<br>Rad.<br>Meters | 88 Degree<br>Boom Angle            |                                          |                                    | 86 Degree<br>Boom Angle            |                                          |                                    | 83 Degree<br>Boom Angle            |                                          |                                    | 80 Degree<br>Boom Angle            |                                          |                                    | Fixed Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|--------------------------------------|
|                                      | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms |                                      |
| 25.9                                 | 74.3                               | 131.1                                    | 8 900*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 25.9                                 |
| 26.0                                 | 74.2                               | 131.1                                    | 8 900*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 26.0                                 |
| 28.0                                 | 72.6                               | 130.5                                    | 8 800*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 28.0                                 |
| 30.0                                 | 71.0                               | 129.8                                    | 8 700*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 30.0                                 |
| 32.0                                 | 69.3                               | 129.0                                    | 8 500*                             | 71.0                               | 129.6                                    | 10 200*                            |                                    |                                          |                                    |                                    |                                          |                                    | 32.0                                 |
| 34.0                                 | 67.6                               | 128.2                                    | 8 400*                             | 69.3                               | 128.9                                    | 10 100*                            |                                    |                                          |                                    |                                    |                                          |                                    | 34.0                                 |
| 36.0                                 | 65.9                               | 127.2                                    | 8 100*                             | 67.7                               | 128.0                                    | 9 700*                             |                                    |                                          |                                    |                                    |                                          |                                    | 36.0                                 |
| 38.0                                 | 64.2                               | 126.3                                    | 7 700*                             | 66.0                               | 127.1                                    | 9 200*                             | 68.5                               | 128.1                                    | 10 100*                            |                                    |                                          |                                    | 38.0                                 |
| 40.0                                 | 62.5                               | 125.2                                    | 7 300*                             | 64.2                               | 126.1                                    | 8 800*                             | 66.8                               | 127.3                                    | 10 000*                            |                                    |                                          |                                    | 40.0                                 |
| 42.0                                 | 60.7                               | 124.1                                    | 6 800*                             | 62.5                               | 125.1                                    | 8 300*                             | 65.1                               | 126.3                                    | 9 900*                             |                                    |                                          |                                    | 42.0                                 |
| 44.0                                 | 58.9                               | 122.9                                    | 6 400*                             | 60.7                               | 124.0                                    | 7 800*                             | 63.4                               | 125.3                                    | 9 800*                             |                                    |                                          |                                    | 44.0                                 |
| 46.0                                 | 57.0                               | 121.5                                    | 6 000*                             | 58.9                               | 122.7                                    | 7 400*                             | 61.6                               | 124.2                                    | 9 400*                             | 64.2                               | 125.3                                    | 9 800*                             | 46.0                                 |
| 48.0                                 | 55.1                               | 120.1                                    | 5 700*                             | 57.0                               | 121.4                                    | 7 000*                             | 59.8                               | 123.0                                    | 8 900*                             | 62.5                               | 124.3                                    | 9 800*                             | 48.0                                 |
| 50.0                                 | 53.2                               | 118.6                                    | 5 300*                             | 55.1                               | 120.0                                    | 6 500*                             | 58.0                               | 121.8                                    | 8 500*                             | 60.7                               | 123.2                                    | 9 800*                             | 50.0                                 |
| 52.0                                 | 51.2                               | 117.0                                    | 5 000*                             | 53.2                               | 118.5                                    | 6 100*                             | 56.1                               | 120.4                                    | 8 000*                             | 58.9                               | 121.9                                    | 9 700*                             | 52.0                                 |
| 54.0                                 | 49.1                               | 115.3                                    | 4 600*                             | 51.2                               | 116.9                                    | 5 800*                             | 54.2                               | 119.0                                    | 7 600*                             | 57.0                               | 120.6                                    | 9 200*                             | 54.0                                 |
| 56.0                                 | 47.0                               | 113.4                                    | 4 400*                             | 49.1                               | 115.2                                    | 5 400*                             | 52.2                               | 117.4                                    | 7 100*                             | 55.1                               | 119.2                                    | 8 500*                             | 56.0                                 |
| 58.0                                 | 44.8                               | 111.4                                    | 4 100*                             | 47.0                               | 113.3                                    | 5 100*                             | 50.2                               | 115.7                                    | 6 700*                             | 53.2                               | 117.7                                    | 8 000*                             | 58.0                                 |
| 60.0                                 | 42.5                               | 109.2                                    | 3 800*                             | 44.8                               | 111.3                                    | 4 800*                             | 48.1                               | 113.9                                    | 6 300*                             | 51.2                               | 116.1                                    | 7 500*                             | 60.0                                 |
| 62.0                                 | 40.1                               | 106.8                                    | 3 600*                             | 42.5                               | 109.1                                    | 4 500*                             | 46.0                               | 112.0                                    | 6 000*                             | 49.2                               | 114.4                                    | 7 000*                             | 62.0                                 |
| 64.0                                 | 37.6                               | 104.3                                    | 3 400*                             | 40.1                               | 106.7                                    | 4 200*                             | 43.7                               | 109.9                                    | 5 600*                             | 47.0                               | 112.5                                    | 6 500*                             | 64.0                                 |
| 66.0                                 | 34.9                               | 101.4                                    | 3 200*                             | 37.6                               | 104.2                                    | 3 900*                             | 41.4                               | 107.6                                    | 5 300*                             | 44.8                               | 110.5                                    | 6 100*                             | 66.0                                 |
| 68.0                                 | 32.0                               | 98.2                                     | 3 000*                             | 34.9                               | 101.3                                    | 3 700*                             | 38.9                               | 105.2                                    | 4 900*                             | 42.5                               | 108.3                                    | 5 700*                             | 68.0                                 |
| 70.0                                 | 28.8                               | 94.7                                     | 2 900*                             | 32.0                               | 98.1                                     | 3 500*                             | 36.3                               | 102.5                                    | 4 600*                             | 40.1                               | 105.9                                    | 5 300*                             | 70.0                                 |
| 72.0                                 | 25.3                               | 90.6                                     | 2 700*                             | 28.8                               | 94.6                                     | 3 300*                             | 33.5                               | 99.5                                     | 4 300*                             | 37.6                               | 103.4                                    | 4 900*                             | 72.0                                 |
| 74.0                                 | 21.1                               | 85.6                                     | 2 600*                             | 25.3                               | 90.5                                     | 3 100*                             | 30.5                               | 96.1                                     | 4 100*                             | 34.9                               | 100.5                                    | 4 600*                             | 74.0                                 |
| 76.0                                 | 16.0                               | 79.2                                     | 2 500*                             | 21.2                               | 85.5                                     | 3 000*                             | 27.1                               | 92.3                                     | 3 900*                             | 32.0                               | 97.4                                     | 4 300*                             | 76.0                                 |
| 78.0                                 |                                    |                                          |                                    | 16.0                               | 79.2                                     | 2 900*                             | 23.4                               | 87.8                                     | 3 700*                             | 28.9                               | 93.8                                     | 3 900*                             | 78.0                                 |
| 80.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 18.8                               | 82.3                                     | 3 500*                             | 25.3                               | 89.7                                     | 3 600*                             | 80.0                                 |
| 82.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 12.7                               | 74.7                                     | 3 300*                             | 21.2                               | 84.8                                     | 3 400*                             | 82.0                                 |
| 84.0                                 |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 16.0                               | 78.4                                     | 3 100*                             | 84.0                                 |



# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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

## 999 SERIES 3

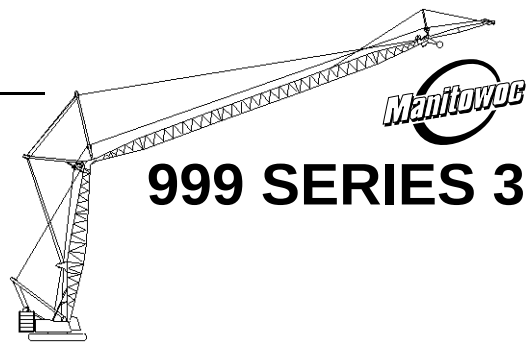
57.9m (190 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib, 15.2m (50 Ft.) Fixed Jib

| Fixed Jib Oper. Rad. Meters | 88 Degree Boom Angle      |                              |                              | 86 Degree Boom Angle      |                              |                              | 83 Degree Boom Angle      |                              |                              | 80 Degree Boom Angle      |                              |                              | Fixed Jib Oper. Rad. Meters |
|-----------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|-----------------------------|
|                             | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms |                             |
| 25.9                        | 75.0                      | 134.3                        | 8 500*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 25.9                        |
| 26.0                        | 74.9                      | 134.3                        | 8 500*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 26.0                        |
| 28.0                        | 73.3                      | 133.7                        | 8 200*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 28.0                        |
| 30.0                        | 71.8                      | 133.0                        | 8 100*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 30.0                        |
| 32.0                        | 70.2                      | 132.3                        | 8 000*                       | 71.8                      | 132.9                        | 9 500*                       |                           |                              |                              |                           |                              |                              | 32.0                        |
| 34.0                        | 68.6                      | 131.5                        | 7 900*                       | 70.2                      | 132.1                        | 9 400*                       |                           |                              |                              |                           |                              |                              | 34.0                        |
| 36.0                        | 67.0                      | 130.6                        | 7 700*                       | 68.6                      | 131.3                        | 9 200*                       |                           |                              |                              |                           |                              |                              | 36.0                        |
| 38.0                        | 65.3                      | 129.7                        | 7 500*                       | 67.0                      | 130.5                        | 8 800*                       |                           |                              |                              |                           |                              |                              | 38.0                        |
| 40.0                        | 63.6                      | 128.7                        | 7 000*                       | 65.3                      | 129.5                        | 8 400*                       | 67.8                      | 130.6                        | 9 300*                       |                           |                              |                              | 40.0                        |
| 42.0                        | 62.0                      | 127.6                        | 6 600*                       | 63.7                      | 128.5                        | 8 000*                       | 66.2                      | 129.7                        | 9 300*                       |                           |                              |                              | 42.0                        |
| 44.0                        | 60.2                      | 126.4                        | 6 200*                       | 62.0                      | 127.5                        | 7 600*                       | 64.5                      | 128.7                        | 9 200*                       |                           |                              |                              | 44.0                        |
| 46.0                        | 58.5                      | 125.2                        | 5 800*                       | 60.3                      | 126.3                        | 7 100*                       | 62.8                      | 127.7                        | 9 000*                       | 65.3                      | 128.7                        | 9 100*                       | 46.0                        |
| 48.0                        | 56.7                      | 123.9                        | 5 500*                       | 58.5                      | 125.1                        | 6 700*                       | 61.1                      | 126.6                        | 8 600*                       | 63.7                      | 127.7                        | 9 100*                       | 48.0                        |
| 50.0                        | 54.9                      | 122.5                        | 5 200*                       | 56.7                      | 123.8                        | 6 400*                       | 59.4                      | 125.4                        | 8 200*                       | 62.0                      | 126.7                        | 9 100*                       | 50.0                        |
| 52.0                        | 53.0                      | 120.9                        | 4 800*                       | 54.9                      | 122.3                        | 6 000*                       | 57.6                      | 124.1                        | 7 800*                       | 60.3                      | 125.5                        | 9 100*                       | 52.0                        |
| 54.0                        | 51.1                      | 119.3                        | 4 500*                       | 53.0                      | 120.8                        | 5 600*                       | 55.8                      | 122.7                        | 7 400*                       | 58.5                      | 124.3                        | 8 900*                       | 54.0                        |
| 56.0                        | 49.1                      | 117.6                        | 4 300*                       | 51.1                      | 119.2                        | 5 300*                       | 54.0                      | 121.3                        | 7 000*                       | 56.7                      | 123.0                        | 8 200*                       | 56.0                        |
| 58.0                        | 47.1                      | 115.7                        | 4 000*                       | 49.1                      | 117.5                        | 5 000*                       | 52.1                      | 119.7                        | 6 600*                       | 54.9                      | 121.5                        | 7 700*                       | 58.0                        |
| 60.0                        | 45.0                      | 113.7                        | 3 700*                       | 47.1                      | 115.6                        | 4 700*                       | 50.1                      | 118.0                        | 6 200*                       | 53.0                      | 120.0                        | 7 100*                       | 60.0                        |
| 62.0                        | 42.8                      | 111.6                        | 3 500*                       | 45.0                      | 113.6                        | 4 400*                       | 48.1                      | 116.2                        | 5 900*                       | 51.1                      | 118.4                        | 6 600*                       | 62.0                        |
| 64.0                        | 40.5                      | 109.2                        | 3 300*                       | 42.8                      | 111.4                        | 4 100*                       | 46.1                      | 114.3                        | 5 500*                       | 49.1                      | 116.7                        | 6 200*                       | 64.0                        |
| 66.0                        | 38.1                      | 106.7                        | 3 100*                       | 40.5                      | 109.1                        | 3 900*                       | 43.9                      | 112.2                        | 5 200*                       | 47.1                      | 114.8                        | 5 700*                       | 66.0                        |
| 68.0                        | 35.5                      | 103.9                        | 3 000*                       | 38.1                      | 106.6                        | 3 700*                       | 41.7                      | 110.0                        | 4 900*                       | 45.0                      | 112.8                        | 5 400*                       | 68.0                        |
| 70.0                        | 32.8                      | 100.8                        | 2 800*                       | 35.6                      | 103.8                        | 3 500*                       | 39.4                      | 107.6                        | 4 600*                       | 42.8                      | 110.6                        | 5 000*                       | 70.0                        |
| 72.0                        | 29.9                      | 97.4                         | 2 600*                       | 32.8                      | 100.7                        | 3 300*                       | 36.9                      | 104.9                        | 4 300*                       | 40.5                      | 108.3                        | 4 600*                       | 72.0                        |
| 74.0                        | 26.6                      | 93.5                         | 2 500*                       | 29.9                      | 97.3                         | 3 100*                       | 34.3                      | 102.0                        | 4 100*                       | 38.1                      | 105.8                        | 4 300*                       | 74.0                        |
| 76.0                        | 22.9                      | 88.9                         | 2 400*                       | 26.6                      | 93.4                         | 3 000*                       | 31.4                      | 98.8                         | 3 900*                       | 35.6                      | 103.0                        | 4 000*                       | 76.0                        |
| 78.0                        | 18.4                      | 83.3                         | 2 300*                       | 22.9                      | 88.8                         | 2 800*                       | 28.3                      | 95.1                         | 3 600*                       | 32.9                      | 99.9                         | 3 600*                       | 78.0                        |
| 80.0                        | 12.4                      | 75.5                         | 2 100*                       | 18.5                      | 83.2                         | 2 700*                       | 24.9                      | 90.9                         | 3 300*                       | 29.9                      | 96.5                         | 3 300*                       | 80.0                        |
| 82.0                        |                           |                              |                              | 12.5                      | 75.4                         | 2 400*                       | 20.9                      | 85.9                         | 3 000*                       | 26.6                      | 92.6                         | 3 100*                       | 82.0                        |
| 84.0                        |                           |                              |                              |                           |                              |                              | 15.8                      | 79.5                         | 2 800*                       | 22.9                      | 88.1                         | 2 800*                       | 84.0                        |
| 86.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 18.5                      | 82.4                         | 2 500*                       | 86.0                        |
| 88.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 12.5                      | 74.7                         | 2 300*                       | 88.0                        |

# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

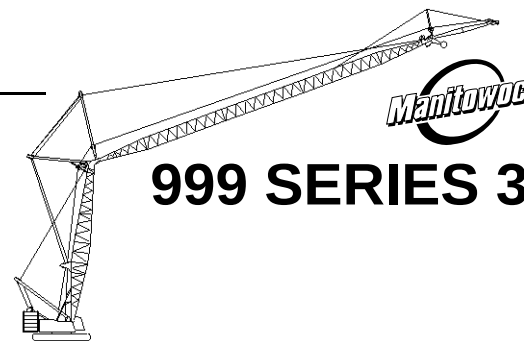
Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 999 SERIES 3

57.9m (190 Ft.) Boom, 64.0m (210 Ft.) Luffing Jib, 15.2m (50 Ft.) Fixed Jib

| Fixed Jib<br>Oper.<br>Rad.<br>Meters | 88 Degree<br>Boom Angle            |                                          |                                    | 86 Degree<br>Boom Angle            |                                          |                                    | 83 Degree<br>Boom Angle            |                                          |                                    | 80 Degree<br>Boom Angle            |                                          |                                    | Fixed Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|--------------------------------------|
|                                      | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms |                                      |
| 27.4                                 | 74.4                               | 137.0                                    | 7 900*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 27.4                                 |
| 28.0                                 | 74.0                               | 136.9                                    | 7 800*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 28.0                                 |
| 30.0                                 | 72.5                               | 136.2                                    | 7 600*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 30.0                                 |
| 32.0                                 | 71.0                               | 135.5                                    | 7 500*                             | 72.5                               | 136.1                                    | 8 900*                             |                                    |                                          |                                    |                                    |                                          |                                    | 32.0                                 |
| 34.0                                 | 69.4                               | 134.8                                    | 7 400*                             | 71.0                               | 135.4                                    | 8 800*                             |                                    |                                          |                                    |                                    |                                          |                                    | 34.0                                 |
| 36.0                                 | 67.9                               | 133.9                                    | 7 200*                             | 69.4                               | 134.6                                    | 8 700*                             |                                    |                                          |                                    |                                    |                                          |                                    | 36.0                                 |
| 38.0                                 | 66.3                               | 133.0                                    | 7 100*                             | 67.9                               | 133.8                                    | 8 400*                             |                                    |                                          |                                    |                                    |                                          |                                    | 38.0                                 |
| 40.0                                 | 64.7                               | 132.1                                    | 6 800*                             | 66.3                               | 132.9                                    | 8 000*                             | 68.7                               | 133.9                                    | 8 700*                             |                                    |                                          |                                    | 40.0                                 |
| 42.0                                 | 63.1                               | 131.1                                    | 6 400*                             | 64.7                               | 132.0                                    | 7 700*                             | 67.1                               | 133.0                                    | 8 600*                             |                                    |                                          |                                    | 42.0                                 |
| 44.0                                 | 61.5                               | 130.0                                    | 6 000*                             | 63.1                               | 130.9                                    | 7 300*                             | 65.6                               | 132.1                                    | 8 600*                             |                                    |                                          |                                    | 44.0                                 |
| 46.0                                 | 59.8                               | 128.8                                    | 5 700*                             | 61.5                               | 129.8                                    | 6 900*                             | 64.0                               | 131.1                                    | 8 500*                             | 66.3                               | 132.1                                    | 8 400*                             | 46.0                                 |
| 48.0                                 | 58.1                               | 127.5                                    | 5 400*                             | 59.8                               | 128.7                                    | 6 600*                             | 62.3                               | 130.1                                    | 8 200*                             | 64.8                               | 131.2                                    | 8 400*                             | 48.0                                 |
| 50.0                                 | 56.4                               | 126.2                                    | 5 000*                             | 58.2                               | 127.4                                    | 6 200*                             | 60.7                               | 128.9                                    | 7 800*                             | 63.1                               | 130.1                                    | 8 400*                             | 50.0                                 |
| 52.0                                 | 54.7                               | 124.8                                    | 4 700*                             | 56.4                               | 126.1                                    | 5 900*                             | 59.0                               | 127.7                                    | 7 500*                             | 61.5                               | 129.0                                    | 8 400*                             | 52.0                                 |
| 54.0                                 | 52.9                               | 123.2                                    | 4 400*                             | 54.7                               | 124.7                                    | 5 500*                             | 57.3                               | 126.4                                    | 7 100*                             | 59.9                               | 127.9                                    | 8 300*                             | 54.0                                 |
| 56.0                                 | 51.0                               | 121.6                                    | 4 200*                             | 52.9                               | 123.1                                    | 5 200*                             | 55.6                               | 125.1                                    | 6 800*                             | 58.2                               | 126.6                                    | 8 000*                             | 56.0                                 |
| 58.0                                 | 49.1                               | 119.9                                    | 3 900*                             | 51.0                               | 121.5                                    | 4 900*                             | 53.8                               | 123.6                                    | 6 400*                             | 56.4                               | 125.3                                    | 7 400*                             | 58.0                                 |
| 60.0                                 | 47.2                               | 118.0                                    | 3 700*                             | 49.1                               | 119.8                                    | 4 600*                             | 52.0                               | 122.0                                    | 6 100*                             | 54.7                               | 123.8                                    | 6 900*                             | 60.0                                 |
| 62.0                                 | 45.1                               | 116.0                                    | 3 500*                             | 47.2                               | 117.9                                    | 4 400*                             | 50.1                               | 120.3                                    | 5 800*                             | 52.9                               | 122.3                                    | 6 400*                             | 62.0                                 |
| 64.0                                 | 43.0                               | 113.9                                    | 3 300*                             | 45.2                               | 115.9                                    | 4 100*                             | 48.2                               | 118.5                                    | 5 400*                             | 51.0                               | 120.7                                    | 5 900*                             | 64.0                                 |
| 66.0                                 | 40.9                               | 111.6                                    | 3 100*                             | 43.1                               | 113.8                                    | 3 800*                             | 46.2                               | 116.6                                    | 5 100*                             | 49.1                               | 119.0                                    | 5 500*                             | 66.0                                 |
| 68.0                                 | 38.6                               | 109.1                                    | 2 900*                             | 40.9                               | 111.5                                    | 3 600*                             | 44.1                               | 114.6                                    | 4 800*                             | 47.2                               | 117.1                                    | 5 100*                             | 68.0                                 |
| 70.0                                 | 36.1                               | 106.4                                    | 2 700*                             | 38.6                               | 109.0                                    | 3 500*                             | 42.0                               | 112.3                                    | 4 600*                             | 45.2                               | 115.1                                    | 4 700*                             | 70.0                                 |
| 72.0                                 | 33.6                               | 103.4                                    | 2 600*                             | 36.2                               | 106.3                                    | 3 200*                             | 39.8                               | 109.9                                    | 4 300*                             | 43.1                               | 113.0                                    | 4 400*                             | 72.0                                 |
| 74.0                                 | 30.8                               | 100.1                                    | 2 400*                             | 33.6                               | 103.3                                    | 3 000*                             | 37.4                               | 107.3                                    | 4 000*                             | 40.9                               | 110.7                                    | 4 000*                             | 74.0                                 |
| 76.0                                 | 27.8                               | 96.3                                     | 2 300*                             | 30.8                               | 100.0                                    | 2 900*                             | 34.9                               | 104.5                                    | 3 700*                             | 38.6                               | 108.2                                    | 3 700*                             | 76.0                                 |
| 78.0                                 | 24.4                               | 92.1                                     | 2 100*                             | 27.8                               | 96.2                                     | 2 700*                             | 32.3                               | 101.4                                    | 3 400*                             | 36.2                               | 105.5                                    | 3 400*                             | 78.0                                 |
| 80.0                                 | 20.5                               | 86.9                                     | 1 900*                             | 24.4                               | 92.0                                     | 2 400*                             | 29.4                               | 97.9                                     | 3 100*                             | 33.6                               | 102.5                                    | 3 100*                             | 80.0                                 |
| 82.0                                 |                                    |                                          |                                    | 20.5                               | 86.9                                     | 2 200*                             | 26.2                               | 93.9                                     | 2 800*                             | 30.8                               | 99.2                                     | 2 800*                             | 82.0                                 |
| 84.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 22.6                               | 89.3                                     | 2 600*                             | 27.8                               | 95.4                                     | 2 600*                             | 84.0                                 |
| 86.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 18.3                               | 83.6                                     | 2 300*                             | 24.4                               | 91.2                                     | 2 300*                             | 86.0                                 |
| 88.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 12.5                               | 75.7                                     | 2 000*                             | 20.5                               | 86.1                                     | 2 100*                             | 88.0                                 |



# Liftcrane Fixed Jib Capacities

**999 SERIES 3**

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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

**57.9m (190 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib, 18.3m (60 Ft.) Fixed Jib**

| Fixed Jib<br>Oper.<br>Rad.<br>Meters | 88 Degree<br>Boom Angle            |                                          |                                    | 86 Degree<br>Boom Angle            |                                          |                                    | 83 Degree<br>Boom Angle            |                                          |                                    | 80 Degree<br>Boom Angle            |                                          |                                    | Fixed Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|--------------------------------------|
|                                      | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms |                                      |
| 24.4                                 | 75.0                               | 128.4                                    | 8 800*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 24.4                                 |
| 26.0                                 | 73.6                               | 127.9                                    | 8 700*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 26.0                                 |
| 28.0                                 | 71.9                               | 127.2                                    | 8 600*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 28.0                                 |
| 30.0                                 | 70.2                               | 126.5                                    | 8 500*                             | 71.9                               | 127.1                                    | 10 000*                            |                                    |                                          |                                    |                                    |                                          |                                    | 30.0                                 |
| 32.0                                 | 68.4                               | 125.7                                    | 8 400*                             | 70.2                               | 126.4                                    | 10 000*                            |                                    |                                          |                                    |                                    |                                          |                                    | 32.0                                 |
| 34.0                                 | 66.7                               | 124.8                                    | 8 300*                             | 68.5                               | 125.6                                    | 9 900*                             |                                    |                                          |                                    |                                    |                                          |                                    | 34.0                                 |
| 36.0                                 | 64.9                               | 123.9                                    | 8 200*                             | 66.7                               | 124.7                                    | 9 800*                             |                                    |                                          |                                    |                                    |                                          |                                    | 36.0                                 |
| 38.0                                 | 63.1                               | 122.8                                    | 7 900*                             | 64.9                               | 123.8                                    | 9 500*                             | 67.6                               | 124.8                                    | 9 800*                             |                                    |                                          |                                    | 38.0                                 |
| 40.0                                 | 61.2                               | 121.7                                    | 7 400*                             | 63.1                               | 122.7                                    | 9 000*                             | 65.8                               | 123.9                                    | 9 700*                             |                                    |                                          |                                    | 40.0                                 |
| 42.0                                 | 59.3                               | 120.5                                    | 7 000*                             | 61.2                               | 121.6                                    | 8 500*                             | 64.0                               | 122.9                                    | 9 700*                             |                                    |                                          |                                    | 42.0                                 |
| 44.0                                 | 57.4                               | 119.2                                    | 6 500*                             | 59.4                               | 120.4                                    | 8 000*                             | 62.2                               | 121.9                                    | 9 600*                             | 64.9                               | 122.9                                    | 9 600*                             | 44.0                                 |
| 46.0                                 | 55.4                               | 117.8                                    | 6 100*                             | 57.4                               | 119.1                                    | 7 500*                             | 60.3                               | 120.7                                    | 9 500*                             | 63.1                               | 121.9                                    | 9 600*                             | 46.0                                 |
| 48.0                                 | 53.4                               | 116.3                                    | 5 700*                             | 55.5                               | 117.7                                    | 7 000*                             | 58.4                               | 119.5                                    | 9 100*                             | 61.2                               | 120.8                                    | 9 500*                             | 48.0                                 |
| 50.0                                 | 51.4                               | 114.7                                    | 5 300*                             | 53.4                               | 116.2                                    | 6 600*                             | 56.5                               | 118.1                                    | 8 600*                             | 59.4                               | 119.6                                    | 9 500*                             | 50.0                                 |
| 52.0                                 | 49.2                               | 113.0                                    | 5 000*                             | 51.4                               | 114.6                                    | 6 100*                             | 54.5                               | 116.7                                    | 8 100*                             | 57.4                               | 118.3                                    | 9 300*                             | 52.0                                 |
| 54.0                                 | 47.0                               | 111.1                                    | 4 600*                             | 49.2                               | 112.9                                    | 5 700*                             | 52.4                               | 115.1                                    | 7 600*                             | 55.5                               | 116.9                                    | 8 900*                             | 54.0                                 |
| 56.0                                 | 44.7                               | 109.1                                    | 4 300*                             | 47.0                               | 111.0                                    | 5 300*                             | 50.3                               | 113.5                                    | 7 100*                             | 53.5                               | 115.4                                    | 8 500*                             | 56.0                                 |
| 58.0                                 | 42.3                               | 106.9                                    | 4 000*                             | 44.7                               | 109.0                                    | 5 000*                             | 48.1                               | 111.7                                    | 6 700*                             | 51.4                               | 113.8                                    | 8 100*                             | 58.0                                 |
| 60.0                                 | 39.8                               | 104.5                                    | 3 700*                             | 42.3                               | 106.8                                    | 4 700*                             | 45.9                               | 109.7                                    | 6 200*                             | 49.2                               | 112.1                                    | 7 600*                             | 60.0                                 |
| 62.0                                 | 37.1                               | 101.8                                    | 3 500*                             | 39.8                               | 104.4                                    | 4 300*                             | 43.5                               | 107.6                                    | 5 800*                             | 47.0                               | 110.2                                    | 7 300*                             | 62.0                                 |
| 64.0                                 | 34.2                               | 98.9                                     | 3 300*                             | 37.1                               | 101.7                                    | 4 000*                             | 41.1                               | 105.3                                    | 5 400*                             | 44.7                               | 108.2                                    | 6 900*                             | 64.0                                 |
| 66.0                                 | 31.1                               | 95.7                                     | 3 100*                             | 34.3                               | 98.8                                     | 3 800*                             | 38.5                               | 102.8                                    | 5 100*                             | 42.3                               | 106.0                                    | 6 600*                             | 66.0                                 |
| 68.0                                 | 27.7                               | 91.9                                     | 2 900*                             | 31.2                               | 95.6                                     | 3 600*                             | 35.7                               | 100.0                                    | 4 800*                             | 39.8                               | 103.6                                    | 6 100*                             | 68.0                                 |
| 70.0                                 | 23.8                               | 87.5                                     | 2 800*                             | 27.7                               | 91.8                                     | 3 300*                             | 32.8                               | 96.9                                     | 4 500*                             | 37.1                               | 100.9                                    | 5 800*                             | 70.0                                 |
| 72.0                                 | 19.1                               | 82.1                                     | 2 600*                             | 23.8                               | 87.4                                     | 3 100*                             | 29.5                               | 93.5                                     | 4 200*                             | 34.3                               | 98.0                                     | 5 400*                             | 72.0                                 |
| 74.0                                 | 12.7                               | 74.5                                     | 2 600*                             | 19.2                               | 82.0                                     | 3 000*                             | 25.9                               | 89.4                                     | 3 900*                             | 31.2                               | 94.8                                     | 5 100*                             | 74.0                                 |
| 76.0                                 |                                    |                                          |                                    | 12.8                               | 74.4                                     | 2 900*                             | 21.7                               | 84.6                                     | 3 700*                             | 27.7                               | 91.0                                     | 4 700*                             | 76.0                                 |
| 78.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 16.4                               | 78.4                                     | 3 500*                             | 23.9                               | 86.6                                     | 4 400*                             | 78.0                                 |
| 80.0                                 |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 19.2                               | 81.2                                     | 4 100*                             | 80.0                                 |
| 82.0                                 |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 12.8                               | 73.6                                     | 3 800*                             | 82.0                                 |

# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

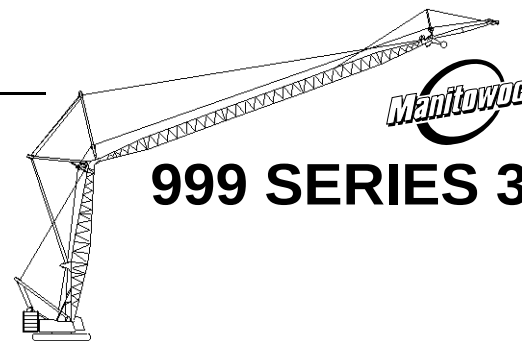
Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 999 SERIES 3

**57.9m (190 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib, 18.3m (60 Ft.) Fixed Jib**

| Fixed Jib<br>Oper.<br>Rad.<br>Meters | 88 Degree<br>Boom Angle            |                                          |                                    | 86 Degree<br>Boom Angle            |                                          |                                    | 83 Degree<br>Boom Angle            |                                          |                                    | 80 Degree<br>Boom Angle            |                                          |                                    | Fixed Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|--------------------------------------|
|                                      | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms |                                      |
| 25.9                                 | 74.4                               | 131.1                                    | 8 300*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 25.9                                 |
| 26.0                                 | 74.3                               | 131.1                                    | 8 300*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 26.0                                 |
| 28.0                                 | 72.7                               | 130.5                                    | 8 200*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 28.0                                 |
| 30.0                                 | 71.0                               | 129.8                                    | 8 100*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 30.0                                 |
| 32.0                                 | 69.4                               | 129.0                                    | 8 000*                             | 71.1                               | 129.6                                    | 9 500*                             |                                    |                                          |                                    |                                    |                                          |                                    | 32.0                                 |
| 34.0                                 | 67.7                               | 128.2                                    | 7 900*                             | 69.4                               | 128.9                                    | 9 400*                             |                                    |                                          |                                    |                                    |                                          |                                    | 34.0                                 |
| 36.0                                 | 66.0                               | 127.3                                    | 7 800*                             | 67.7                               | 128.0                                    | 9 300*                             |                                    |                                          |                                    |                                    |                                          |                                    | 36.0                                 |
| 38.0                                 | 64.3                               | 126.3                                    | 7 600*                             | 66.0                               | 127.1                                    | 9 100*                             | 68.6                               | 128.1                                    | 9 300*                             |                                    |                                          |                                    | 38.0                                 |
| 40.0                                 | 62.5                               | 125.2                                    | 7 200*                             | 64.3                               | 126.2                                    | 8 700*                             | 66.9                               | 127.3                                    | 9 300*                             |                                    |                                          |                                    | 40.0                                 |
| 42.0                                 | 60.7                               | 124.1                                    | 6 800*                             | 62.5                               | 125.1                                    | 8 200*                             | 65.2                               | 126.3                                    | 9 200*                             |                                    |                                          |                                    | 42.0                                 |
| 44.0                                 | 58.9                               | 122.9                                    | 6 300*                             | 60.8                               | 124.0                                    | 7 700*                             | 63.4                               | 125.3                                    | 9 200*                             |                                    |                                          |                                    | 44.0                                 |
| 46.0                                 | 57.1                               | 121.6                                    | 5 900*                             | 58.9                               | 122.8                                    | 7 300*                             | 61.7                               | 124.2                                    | 9 000*                             | 64.3                               | 125.4                                    | 9 100*                             | 46.0                                 |
| 48.0                                 | 55.2                               | 120.2                                    | 5 600*                             | 57.1                               | 121.4                                    | 6 900*                             | 59.9                               | 123.1                                    | 8 800*                             | 62.6                               | 124.3                                    | 9 100*                             | 48.0                                 |
| 50.0                                 | 53.2                               | 118.7                                    | 5 200*                             | 55.2                               | 120.0                                    | 6 500*                             | 58.0                               | 121.8                                    | 8 400*                             | 60.8                               | 123.2                                    | 9 000*                             | 50.0                                 |
| 52.0                                 | 51.3                               | 117.0                                    | 4 900*                             | 53.3                               | 118.5                                    | 6 000*                             | 56.2                               | 120.4                                    | 7 900*                             | 59.0                               | 121.9                                    | 9 000*                             | 52.0                                 |
| 54.0                                 | 49.2                               | 115.3                                    | 4 600*                             | 51.3                               | 116.9                                    | 5 600*                             | 54.3                               | 119.0                                    | 7 500*                             | 57.1                               | 120.6                                    | 8 600*                             | 54.0                                 |
| 56.0                                 | 47.1                               | 113.4                                    | 4 300*                             | 49.2                               | 115.2                                    | 5 300*                             | 52.3                               | 117.4                                    | 7 000*                             | 55.2                               | 119.2                                    | 8 100*                             | 56.0                                 |
| 58.0                                 | 44.9                               | 111.4                                    | 4 000*                             | 47.1                               | 113.3                                    | 5 000*                             | 50.3                               | 115.8                                    | 6 600*                             | 53.3                               | 117.7                                    | 7 700*                             | 58.0                                 |
| 60.0                                 | 42.6                               | 109.2                                    | 3 700*                             | 44.9                               | 111.3                                    | 4 600*                             | 48.2                               | 114.0                                    | 6 200*                             | 51.3                               | 116.1                                    | 7 300*                             | 60.0                                 |
| 62.0                                 | 40.2                               | 106.9                                    | 3 500*                             | 42.6                               | 109.1                                    | 4 300*                             | 46.0                               | 112.0                                    | 5 800*                             | 49.2                               | 114.4                                    | 7 000*                             | 62.0                                 |
| 64.0                                 | 37.7                               | 104.3                                    | 3 300*                             | 40.2                               | 106.8                                    | 4 100*                             | 43.8                               | 109.9                                    | 5 400*                             | 47.1                               | 112.5                                    | 6 700*                             | 64.0                                 |
| 66.0                                 | 35.0                               | 101.4                                    | 3 000*                             | 37.7                               | 104.2                                    | 3 800*                             | 41.4                               | 107.7                                    | 5 100*                             | 44.9                               | 110.5                                    | 6 200*                             | 66.0                                 |
| 68.0                                 | 32.1                               | 98.3                                     | 2 900*                             | 35.0                               | 101.3                                    | 3 600*                             | 39.0                               | 105.2                                    | 4 800*                             | 42.6                               | 108.3                                    | 5 800*                             | 68.0                                 |
| 70.0                                 | 28.9                               | 94.7                                     | 2 700*                             | 32.1                               | 98.2                                     | 3 400*                             | 36.4                               | 102.5                                    | 4 500*                             | 40.2                               | 106.0                                    | 5 500*                             | 70.0                                 |
| 72.0                                 | 25.3                               | 90.6                                     | 2 600*                             | 28.9                               | 94.6                                     | 3 100*                             | 33.6                               | 99.5                                     | 4 200*                             | 37.7                               | 103.4                                    | 5 100*                             | 72.0                                 |
| 74.0                                 | 21.2                               | 85.7                                     | 2 500*                             | 25.4                               | 90.5                                     | 3 000*                             | 30.6                               | 96.1                                     | 3 900*                             | 35.0                               | 100.5                                    | 4 700*                             | 74.0                                 |
| 76.0                                 | 16.0                               | 79.3                                     | 2 400*                             | 21.3                               | 85.6                                     | 2 800*                             | 27.2                               | 92.3                                     | 3 700*                             | 32.1                               | 97.4                                     | 4 400*                             | 76.0                                 |
| 78.0                                 |                                    |                                          |                                    | 16.1                               | 79.2                                     | 2 700*                             | 23.4                               | 87.9                                     | 3 500*                             | 28.9                               | 93.8                                     | 4 100*                             | 78.0                                 |
| 80.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 18.9                               | 82.4                                     | 3 300*                             | 25.4                               | 89.7                                     | 3 800*                             | 80.0                                 |
| 82.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 12.8                               | 74.7                                     | 3 200*                             | 21.3                               | 84.8                                     | 3 500*                             | 82.0                                 |
| 84.0                                 |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 16.1                               | 78.4                                     | 3 200*                             | 84.0                                 |



# Liftcrane Fixed Jib Capacities

**999 SERIES 3**

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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

**57.9m (190 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib, 18.3m (60 Ft.) Fixed Jib**

| Fixed Jib Oper. Rad. Meters | 88 Degree Boom Angle      |                              |                              | 86 Degree Boom Angle      |                              |                              | 83 Degree Boom Angle      |                              |                              | 80 Degree Boom Angle      |                              |                              | Fixed Jib Oper. Rad. Meters |
|-----------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|-----------------------------|
|                             | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms |                             |
| 27.4                        | 73.8                      | 133.9                        | 7 800*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 27.4                        |
| 28.0                        | 73.4                      | 133.7                        | 7 800*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 28.0                        |
| 30.0                        | 71.8                      | 133.0                        | 7 700*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 30.0                        |
| 32.0                        | 70.2                      | 132.3                        | 7 600*                       | 71.8                      | 132.9                        | 9 000*                       |                           |                              |                              |                           |                              |                              | 32.0                        |
| 34.0                        | 68.6                      | 131.5                        | 7 500*                       | 70.3                      | 132.1                        | 8 900*                       |                           |                              |                              |                           |                              |                              | 34.0                        |
| 36.0                        | 67.0                      | 130.6                        | 7 400*                       | 68.7                      | 131.3                        | 8 800*                       |                           |                              |                              |                           |                              |                              | 36.0                        |
| 38.0                        | 65.4                      | 129.7                        | 7 300*                       | 67.0                      | 130.5                        | 8 700*                       |                           |                              |                              |                           |                              |                              | 38.0                        |
| 40.0                        | 63.7                      | 128.7                        | 7 000*                       | 65.4                      | 129.6                        | 8 300*                       | 67.9                      | 130.6                        | 8 800*                       |                           |                              |                              | 40.0                        |
| 42.0                        | 62.0                      | 127.6                        | 6 600*                       | 63.7                      | 128.6                        | 7 900*                       | 66.2                      | 129.7                        | 8 700*                       |                           |                              |                              | 42.0                        |
| 44.0                        | 60.3                      | 126.4                        | 6 200*                       | 62.0                      | 127.5                        | 7 500*                       | 64.6                      | 128.7                        | 8 700*                       |                           |                              |                              | 44.0                        |
| 46.0                        | 58.6                      | 125.2                        | 5 800*                       | 60.3                      | 126.3                        | 7 100*                       | 62.9                      | 127.7                        | 8 700*                       | 65.4                      | 128.8                        | 8 600*                       | 46.0                        |
| 48.0                        | 56.8                      | 123.9                        | 5 400*                       | 58.6                      | 125.1                        | 6 700*                       | 61.2                      | 126.6                        | 8 500*                       | 63.7                      | 127.7                        | 8 600*                       | 48.0                        |
| 50.0                        | 54.9                      | 122.5                        | 5 100*                       | 56.8                      | 123.8                        | 6 300*                       | 59.5                      | 125.4                        | 8 100*                       | 62.0                      | 126.7                        | 8 600*                       | 50.0                        |
| 52.0                        | 53.1                      | 121.0                        | 4 800*                       | 55.0                      | 122.4                        | 5 900*                       | 57.7                      | 124.1                        | 7 700*                       | 60.3                      | 125.5                        | 8 500*                       | 52.0                        |
| 54.0                        | 51.2                      | 119.3                        | 4 500*                       | 53.1                      | 120.8                        | 5 600*                       | 55.9                      | 122.8                        | 7 300*                       | 58.6                      | 124.3                        | 8 500*                       | 54.0                        |
| 56.0                        | 49.2                      | 117.6                        | 4 200*                       | 51.2                      | 119.2                        | 5 200*                       | 54.1                      | 121.3                        | 6 900*                       | 56.8                      | 123.0                        | 8 400*                       | 56.0                        |
| 58.0                        | 47.2                      | 115.7                        | 3 900*                       | 49.2                      | 117.5                        | 4 900*                       | 52.2                      | 119.7                        | 6 600*                       | 55.0                      | 121.5                        | 8 000*                       | 58.0                        |
| 60.0                        | 45.1                      | 113.7                        | 3 700*                       | 47.2                      | 115.6                        | 4 600*                       | 50.2                      | 118.1                        | 6 100*                       | 53.1                      | 120.0                        | 7 500*                       | 60.0                        |
| 62.0                        | 42.9                      | 111.6                        | 3 500*                       | 45.1                      | 113.6                        | 4 300*                       | 48.2                      | 116.3                        | 5 800*                       | 51.2                      | 118.4                        | 7 000*                       | 62.0                        |
| 64.0                        | 40.6                      | 109.2                        | 3 200*                       | 42.9                      | 111.5                        | 4 000*                       | 46.2                      | 114.3                        | 5 400*                       | 49.2                      | 116.7                        | 6 500*                       | 64.0                        |
| 66.0                        | 38.2                      | 106.7                        | 3 000*                       | 40.6                      | 109.1                        | 3 800*                       | 44.0                      | 112.2                        | 5 100*                       | 47.2                      | 114.8                        | 6 100*                       | 66.0                        |
| 68.0                        | 35.6                      | 103.9                        | 2 900*                       | 38.2                      | 106.6                        | 3 600*                       | 41.8                      | 110.0                        | 4 800*                       | 45.1                      | 112.8                        | 5 700*                       | 68.0                        |
| 70.0                        | 32.9                      | 100.8                        | 2 700*                       | 35.6                      | 103.8                        | 3 400*                       | 39.4                      | 107.6                        | 4 500*                       | 42.9                      | 110.7                        | 5 300*                       | 70.0                        |
| 72.0                        | 29.9                      | 97.4                         | 2 600*                       | 32.9                      | 100.7                        | 3 100*                       | 37.0                      | 104.9                        | 4 300*                       | 40.6                      | 108.3                        | 4 900*                       | 72.0                        |
| 74.0                        | 26.7                      | 93.5                         | 2 400*                       | 30.0                      | 97.3                         | 3 000*                       | 34.3                      | 102.0                        | 4 000*                       | 38.2                      | 105.8                        | 4 600*                       | 74.0                        |
| 76.0                        | 23.0                      | 89.0                         | 2 300*                       | 26.7                      | 93.4                         | 2 800*                       | 31.5                      | 98.8                         | 3 700*                       | 35.7                      | 103.0                        | 4 300*                       | 76.0                        |
| 78.0                        | 18.5                      | 83.3                         | 2 200*                       | 23.0                      | 88.9                         | 2 700*                       | 28.4                      | 95.1                         | 3 500*                       | 32.9                      | 99.9                         | 3 900*                       | 78.0                        |
| 80.0                        | 12.5                      | 75.5                         | 2 200*                       | 18.6                      | 83.3                         | 2 600*                       | 25.0                      | 91.0                         | 3 300*                       | 30.0                      | 96.5                         | 3 600*                       | 80.0                        |
| 82.0                        |                           |                              |                              | 12.6                      | 75.5                         | 2 500*                       | 20.9                      | 86.0                         | 3 200*                       | 26.7                      | 92.6                         | 3 400*                       | 82.0                        |
| 84.0                        |                           |                              |                              |                           |                              |                              | 15.9                      | 79.5                         | 3 100*                       | 23.0                      | 88.1                         | 3 100*                       | 84.0                        |
| 86.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 18.6                      | 82.5                         | 2 900*                       | 86.0                        |
| 88.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 12.6                      | 74.7                         | 2 600*                       | 88.0                        |

# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

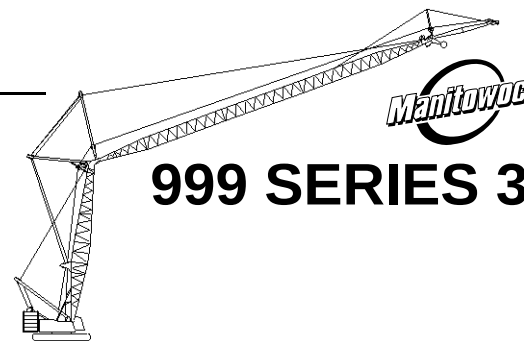
Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 999 SERIES 3

**57.9m (190 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib, 18.3m (60 Ft.) Fixed Jib**

| Fixed Jib<br>Oper.<br>Rad.<br>Meters | 88 Degree<br>Boom Angle            |                                          |                                    | 86 Degree<br>Boom Angle            |                                          |                                    | 83 Degree<br>Boom Angle            |                                          |                                    | 80 Degree<br>Boom Angle            |                                          |                                    | Fixed Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|--------------------------------------|
|                                      | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms |                                      |
| 27.4                                 | 74.5                               | 137.0                                    | 7 300*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 27.4                                 |
| 28.0                                 | 74.1                               | 136.9                                    | 7 300*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 28.0                                 |
| 30.0                                 | 72.5                               | 136.2                                    | 7 200*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 30.0                                 |
| 32.0                                 | 71.0                               | 135.5                                    | 7 200*                             | 72.6                               | 136.1                                    | 8 400*                             |                                    |                                          |                                    |                                    |                                          |                                    | 32.0                                 |
| 34.0                                 | 69.5                               | 134.8                                    | 7 100*                             | 71.0                               | 135.4                                    | 8 400*                             |                                    |                                          |                                    |                                    |                                          |                                    | 34.0                                 |
| 36.0                                 | 67.9                               | 133.9                                    | 7 000*                             | 69.5                               | 134.6                                    | 8 300*                             |                                    |                                          |                                    |                                    |                                          |                                    | 36.0                                 |
| 38.0                                 | 66.4                               | 133.0                                    | 6 900*                             | 68.0                               | 133.8                                    | 8 300*                             |                                    |                                          |                                    |                                    |                                          |                                    | 38.0                                 |
| 40.0                                 | 64.8                               | 132.1                                    | 6 700*                             | 66.4                               | 132.9                                    | 8 000*                             | 68.8                               | 133.9                                    | 8 300*                             |                                    |                                          |                                    | 40.0                                 |
| 42.0                                 | 63.2                               | 131.1                                    | 6 300*                             | 64.8                               | 132.0                                    | 7 600*                             | 67.2                               | 133.1                                    | 8 200*                             |                                    |                                          |                                    | 42.0                                 |
| 44.0                                 | 61.6                               | 130.0                                    | 6 000*                             | 63.2                               | 130.9                                    | 7 200*                             | 65.6                               | 132.1                                    | 8 200*                             |                                    |                                          |                                    | 44.0                                 |
| 46.0                                 | 59.9                               | 128.8                                    | 5 600*                             | 61.6                               | 129.9                                    | 6 800*                             | 64.0                               | 131.1                                    | 8 200*                             | 66.4                               | 132.1                                    | 8 000*                             | 46.0                                 |
| 48.0                                 | 58.2                               | 127.5                                    | 5 300*                             | 59.9                               | 128.7                                    | 6 500*                             | 62.4                               | 130.1                                    | 8 100*                             | 64.8                               | 131.2                                    | 8 000*                             | 48.0                                 |
| 50.0                                 | 56.5                               | 126.2                                    | 5 000*                             | 58.2                               | 127.4                                    | 6 100*                             | 60.8                               | 129.0                                    | 7 800*                             | 63.2                               | 130.1                                    | 8 000*                             | 50.0                                 |
| 52.0                                 | 54.7                               | 124.8                                    | 4 700*                             | 56.5                               | 126.1                                    | 5 800*                             | 59.1                               | 127.7                                    | 7 400*                             | 61.6                               | 129.0                                    | 8 000*                             | 52.0                                 |
| 54.0                                 | 52.9                               | 123.3                                    | 4 400*                             | 54.7                               | 124.7                                    | 5 500*                             | 57.4                               | 126.5                                    | 7 100*                             | 59.9                               | 127.9                                    | 8 000*                             | 54.0                                 |
| 56.0                                 | 51.1                               | 121.6                                    | 4 100*                             | 52.9                               | 123.1                                    | 5 100*                             | 55.6                               | 125.1                                    | 6 700*                             | 58.2                               | 126.6                                    | 8 000*                             | 56.0                                 |
| 58.0                                 | 49.2                               | 119.9                                    | 3 800*                             | 51.1                               | 121.5                                    | 4 800*                             | 53.9                               | 123.6                                    | 6 400*                             | 56.5                               | 125.3                                    | 7 700*                             | 58.0                                 |
| 60.0                                 | 47.2                               | 118.0                                    | 3 600*                             | 49.2                               | 119.8                                    | 4 500*                             | 52.0                               | 122.0                                    | 6 000*                             | 54.7                               | 123.9                                    | 7 100*                             | 60.0                                 |
| 62.0                                 | 45.2                               | 116.0                                    | 3 400*                             | 47.2                               | 117.9                                    | 4 300*                             | 50.2                               | 120.4                                    | 5 700*                             | 53.0                               | 122.3                                    | 6 600*                             | 62.0                                 |
| 64.0                                 | 43.1                               | 113.9                                    | 3 200*                             | 45.2                               | 115.9                                    | 4 000*                             | 48.2                               | 118.6                                    | 5 400*                             | 51.1                               | 120.7                                    | 6 200*                             | 64.0                                 |
| 66.0                                 | 40.9                               | 111.6                                    | 3 000*                             | 43.1                               | 113.8                                    | 3 700*                             | 46.3                               | 116.6                                    | 5 000*                             | 49.2                               | 119.0                                    | 5 700*                             | 66.0                                 |
| 68.0                                 | 38.6                               | 109.1                                    | 2 800*                             | 40.9                               | 111.5                                    | 3 500*                             | 44.2                               | 114.6                                    | 4 800*                             | 47.3                               | 117.1                                    | 5 400*                             | 68.0                                 |
| 70.0                                 | 36.2                               | 106.4                                    | 2 600*                             | 38.7                               | 109.0                                    | 3 300*                             | 42.1                               | 112.4                                    | 4 500*                             | 45.2                               | 115.1                                    | 5 000*                             | 70.0                                 |
| 72.0                                 | 33.6                               | 103.4                                    | 2 500*                             | 36.2                               | 106.3                                    | 3 100*                             | 39.8                               | 110.0                                    | 4 200*                             | 43.1                               | 113.0                                    | 4 600*                             | 72.0                                 |
| 74.0                                 | 30.9                               | 100.1                                    | 2 300*                             | 33.7                               | 103.3                                    | 3 000*                             | 37.5                               | 107.4                                    | 4 000*                             | 41.0                               | 110.7                                    | 4 300*                             | 74.0                                 |
| 76.0                                 | 27.9                               | 96.4                                     | 2 200*                             | 30.9                               | 100.0                                    | 2 800*                             | 35.0                               | 104.5                                    | 3 800*                             | 38.7                               | 108.2                                    | 4 000*                             | 76.0                                 |
| 78.0                                 | 24.5                               | 92.1                                     | 2 200*                             | 27.9                               | 96.3                                     | 2 700*                             | 32.3                               | 101.4                                    | 3 500*                             | 36.3                               | 105.5                                    | 3 700*                             | 78.0                                 |
| 80.0                                 | 20.6                               | 87.0                                     | 2 100*                             | 24.5                               | 92.0                                     | 2 500*                             | 29.5                               | 97.9                                     | 3 300*                             | 33.7                               | 102.5                                    | 3 400*                             | 80.0                                 |
| 82.0                                 | 15.6                               | 80.4                                     | 1 900*                             | 20.6                               | 86.9                                     | 2 400*                             | 26.3                               | 93.9                                     | 3 100*                             | 30.9                               | 99.2                                     | 3 100*                             | 82.0                                 |
| 84.0                                 |                                    |                                          |                                    | 15.7                               | 80.4                                     | 2 200*                             | 22.7                               | 89.3                                     | 2 800*                             | 27.9                               | 95.5                                     | 2 800*                             | 84.0                                 |
| 86.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 18.3                               | 83.6                                     | 2 500*                             | 24.5                               | 91.2                                     | 2 500*                             | 86.0                                 |
| 88.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 12.6                               | 75.8                                     | 2 300*                             | 20.6                               | 86.1                                     | 2 300*                             | 88.0                                 |
| 90.0                                 |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 15.7                               | 79.6                                     | 2 100*                             | 90.0                                 |



# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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

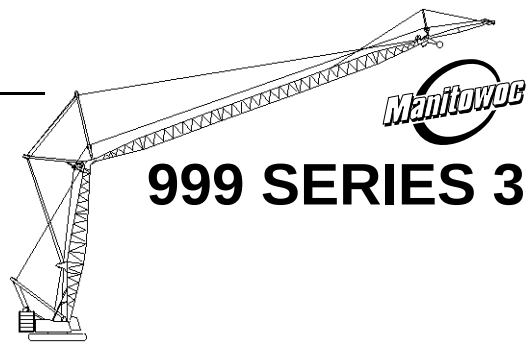
**57.9m (190 Ft.) Boom, 64.0m (210 Ft.) Luffing Jib, 18.3m (60 Ft.) Fixed Jib**

| Fixed Jib<br>Oper.<br>Rad.<br>Meters | 88 Degree<br>Boom Angle            |                                          |                                    | 86 Degree<br>Boom Angle            |                                          |                                    | 83 Degree<br>Boom Angle            |                                          |                                    | Fixed Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|--------------------------------------|
|                                      | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms |                                      |
| 29.0                                 | 74.0                               | 139.8                                    | 7 100*                             |                                    |                                          |                                    |                                    |                                          |                                    | 29.0                                 |
| 30.0                                 | 73.2                               | 139.4                                    | 7 000*                             |                                    |                                          |                                    |                                    |                                          |                                    | 30.0                                 |
| 32.0                                 | 71.8                               | 138.8                                    | 6 800*                             |                                    |                                          |                                    |                                    |                                          |                                    | 32.0                                 |
| 34.0                                 | 70.3                               | 138.0                                    | 6 700*                             | 71.8                               | 138.6                                    | 7 900*                             |                                    |                                          |                                    | 34.0                                 |
| 36.0                                 | 68.8                               | 137.2                                    | 6 600*                             | 70.3                               | 137.9                                    | 7 800*                             |                                    |                                          |                                    | 36.0                                 |
| 38.0                                 | 67.3                               | 136.4                                    | 6 500*                             | 68.8                               | 137.1                                    | 7 800*                             |                                    |                                          |                                    | 38.0                                 |
| 40.0                                 | 65.8                               | 135.5                                    | 6 400*                             | 67.3                               | 136.3                                    | 7 600*                             | 69.6                               | 137.2                                    | 7 800*                             | 40.0                                 |
| 42.0                                 | 64.3                               | 134.5                                    | 6 100*                             | 65.8                               | 135.4                                    | 7 300*                             | 68.1                               | 136.4                                    | 7 700*                             | 42.0                                 |
| 44.0                                 | 62.7                               | 133.5                                    | 5 700*                             | 64.3                               | 134.4                                    | 6 900*                             | 66.6                               | 135.5                                    | 7 700*                             | 44.0                                 |
| 46.0                                 | 61.1                               | 132.3                                    | 5 400*                             | 62.7                               | 133.3                                    | 6 600*                             | 65.1                               | 134.6                                    | 7 700*                             | 46.0                                 |
| 48.0                                 | 59.5                               | 131.1                                    | 5 100*                             | 61.1                               | 132.2                                    | 6 300*                             | 63.5                               | 133.5                                    | 7 600*                             | 48.0                                 |
| 50.0                                 | 57.9                               | 129.9                                    | 4 800*                             | 59.5                               | 131.0                                    | 5 900*                             | 61.9                               | 132.5                                    | 7 500*                             | 50.0                                 |
| 52.0                                 | 56.2                               | 128.5                                    | 4 500*                             | 57.9                               | 129.8                                    | 5 600*                             | 60.3                               | 131.3                                    | 7 200*                             | 52.0                                 |
| 54.0                                 | 54.5                               | 127.1                                    | 4 300*                             | 56.2                               | 128.4                                    | 5 300*                             | 58.7                               | 130.1                                    | 6 800*                             | 54.0                                 |
| 56.0                                 | 52.8                               | 125.6                                    | 4 000*                             | 54.5                               | 127.0                                    | 5 000*                             | 57.1                               | 128.8                                    | 6 500*                             | 56.0                                 |
| 58.0                                 | 51.0                               | 123.9                                    | 3 800*                             | 52.8                               | 125.4                                    | 4 700*                             | 55.4                               | 127.4                                    | 6 200*                             | 58.0                                 |
| 60.0                                 | 49.2                               | 122.2                                    | 3 600*                             | 51.0                               | 123.8                                    | 4 500*                             | 53.7                               | 125.9                                    | 5 900*                             | 60.0                                 |
| 62.0                                 | 47.3                               | 120.3                                    | 3 300*                             | 49.2                               | 122.1                                    | 4 200*                             | 51.9                               | 124.3                                    | 5 600*                             | 62.0                                 |
| 64.0                                 | 45.4                               | 118.4                                    | 3 100*                             | 47.3                               | 120.2                                    | 3 900*                             | 50.1                               | 122.7                                    | 5 300*                             | 64.0                                 |
| 66.0                                 | 43.3                               | 116.2                                    | 2 900*                             | 45.4                               | 118.2                                    | 3 700*                             | 48.3                               | 120.9                                    | 5 000*                             | 66.0                                 |
| 68.0                                 | 41.3                               | 114.0                                    | 2 800*                             | 43.4                               | 116.1                                    | 3 500*                             | 46.4                               | 118.9                                    | 4 700*                             | 68.0                                 |
| 70.0                                 | 39.1                               | 111.5                                    | 2 600*                             | 41.3                               | 113.8                                    | 3 300*                             | 44.4                               | 116.9                                    | 4 500*                             | 70.0                                 |
| 72.0                                 | 36.8                               | 108.8                                    | 2 500*                             | 39.1                               | 111.4                                    | 3 100*                             | 42.3                               | 114.7                                    | 4 200*                             | 72.0                                 |
| 74.0                                 | 34.3                               | 105.9                                    | 2 300*                             | 36.8                               | 108.7                                    | 3 000*                             | 40.2                               | 112.3                                    | 4 000*                             | 74.0                                 |
| 76.0                                 | 31.7                               | 102.7                                    | 2 200*                             | 34.4                               | 105.8                                    | 2 800*                             | 38.0                               | 109.8                                    | 3 700*                             | 76.0                                 |
| 78.0                                 | 28.9                               | 99.1                                     | 1 900*                             | 31.7                               | 102.6                                    | 2 600*                             | 35.6                               | 107.0                                    | 3 400*                             | 78.0                                 |
| 80.0                                 | 25.8                               | 95.1                                     | 1 800*                             | 28.9                               | 99.0                                     | 2 500*                             | 33.1                               | 103.9                                    | 3 100*                             | 80.0                                 |
| 82.0                                 |                                    |                                          |                                    | 25.8                               | 95.0                                     | 2 200*                             | 30.4                               | 100.6                                    | 2 800*                             | 82.0                                 |
| 84.0                                 |                                    |                                          |                                    | 22.3                               | 90.3                                     | 2 000*                             | 27.4                               | 96.8                                     | 2 600*                             | 84.0                                 |
| 86.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 24.1                               | 92.4                                     | 2 300*                             | 86.0                                 |
| 88.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 20.3                               | 87.3                                     | 2 100*                             | 88.0                                 |

# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

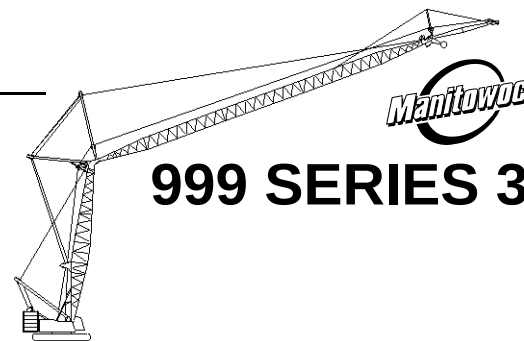
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ANSI B30.5



## 999 SERIES 3

57.9m (190 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib, 21.3m (70 Ft.) Fixed Jib

| Fixed Jib<br>Oper.<br>Rad.<br>Meters | 88 Degree<br>Boom Angle            |                                          |                                    | 86 Degree<br>Boom Angle            |                                          |                                    | 83 Degree<br>Boom Angle            |                                          |                                    | 80 Degree<br>Boom Angle            |                                          |                                    | Fixed Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|--------------------------------------|
|                                      | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms |                                      |
| 25.9                                 | 74.3                               | 131.2                                    | 7 300*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 25.9                                 |
| 26.0                                 | 74.2                               | 131.1                                    | 7 300*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 26.0                                 |
| 28.0                                 | 72.6                               | 130.5                                    | 7 200*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 28.0                                 |
| 30.0                                 | 70.9                               | 129.8                                    | 7 100*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 30.0                                 |
| 32.0                                 | 69.3                               | 129.0                                    | 7 000*                             | 71.0                               | 129.7                                    | 8 200*                             |                                    |                                          |                                    |                                    |                                          |                                    | 32.0                                 |
| 34.0                                 | 67.6                               | 128.2                                    | 6 900*                             | 69.3                               | 128.9                                    | 8 100*                             |                                    |                                          |                                    |                                    |                                          |                                    | 34.0                                 |
| 36.0                                 | 65.9                               | 127.3                                    | 6 800*                             | 67.6                               | 128.1                                    | 8 000*                             |                                    |                                          |                                    |                                    |                                          |                                    | 36.0                                 |
| 38.0                                 | 64.2                               | 126.3                                    | 6 700*                             | 65.9                               | 127.2                                    | 7 900*                             | 68.5                               | 128.2                                    | 8 000*                             |                                    |                                          |                                    | 38.0                                 |
| 40.0                                 | 62.4                               | 125.2                                    | 6 600*                             | 64.2                               | 126.2                                    | 7 800*                             | 66.8                               | 127.3                                    | 7 900*                             |                                    |                                          |                                    | 40.0                                 |
| 42.0                                 | 60.6                               | 124.1                                    | 6 500*                             | 62.4                               | 125.1                                    | 7 700*                             | 65.1                               | 126.4                                    | 7 800*                             |                                    |                                          |                                    | 42.0                                 |
| 44.0                                 | 58.8                               | 122.9                                    | 6 300*                             | 60.7                               | 124.0                                    | 7 600*                             | 63.3                               | 125.3                                    | 7 700*                             |                                    |                                          |                                    | 44.0                                 |
| 46.0                                 | 57.0                               | 121.6                                    | 5 900*                             | 58.8                               | 122.8                                    | 7 200*                             | 61.6                               | 124.3                                    | 7 600*                             | 64.2                               | 125.4                                    | 7 600*                             | 46.0                                 |
| 48.0                                 | 55.1                               | 120.2                                    | 5 500*                             | 57.0                               | 121.5                                    | 6 800*                             | 59.8                               | 123.1                                    | 7 500*                             | 62.4                               | 124.3                                    | 7 500*                             | 48.0                                 |
| 50.0                                 | 53.1                               | 118.7                                    | 5 200*                             | 55.1                               | 120.1                                    | 6 400*                             | 57.9                               | 121.8                                    | 7 400*                             | 60.7                               | 123.2                                    | 7 500*                             | 50.0                                 |
| 52.0                                 | 51.2                               | 117.1                                    | 4 800*                             | 53.2                               | 118.6                                    | 5 900*                             | 56.1                               | 120.5                                    | 7 300*                             | 58.9                               | 122.0                                    | 7 400*                             | 52.0                                 |
| 54.0                                 | 49.1                               | 115.3                                    | 4 500*                             | 51.2                               | 116.9                                    | 5 600*                             | 54.2                               | 119.0                                    | 7 200*                             | 57.0                               | 120.7                                    | 7 300*                             | 54.0                                 |
| 56.0                                 | 47.0                               | 113.5                                    | 4 200*                             | 49.1                               | 115.2                                    | 5 200*                             | 52.2                               | 117.5                                    | 6 900*                             | 55.1                               | 119.3                                    | 7 200*                             | 56.0                                 |
| 58.0                                 | 44.8                               | 111.4                                    | 3 900*                             | 47.0                               | 113.3                                    | 4 900*                             | 50.2                               | 115.8                                    | 6 500*                             | 53.2                               | 117.8                                    | 7 100*                             | 58.0                                 |
| 60.0                                 | 42.5                               | 109.3                                    | 3 600*                             | 44.8                               | 111.3                                    | 4 600*                             | 48.1                               | 114.0                                    | 6 100*                             | 51.2                               | 116.1                                    | 7 100*                             | 60.0                                 |
| 62.0                                 | 40.1                               | 106.9                                    | 3 400*                             | 42.5                               | 109.2                                    | 4 200*                             | 45.9                               | 112.0                                    | 5 800*                             | 49.1                               | 114.4                                    | 6 800*                             | 62.0                                 |
| 64.0                                 | 37.6                               | 104.3                                    | 3 200*                             | 40.1                               | 106.8                                    | 4 000*                             | 43.7                               | 110.0                                    | 5 300*                             | 47.0                               | 112.5                                    | 6 400*                             | 64.0                                 |
| 66.0                                 | 34.9                               | 101.5                                    | 3 000*                             | 37.6                               | 104.2                                    | 3 700*                             | 41.3                               | 107.7                                    | 5 000*                             | 44.8                               | 110.5                                    | 6 100*                             | 66.0                                 |
| 68.0                                 | 32.0                               | 98.3                                     | 2 800*                             | 34.9                               | 101.4                                    | 3 500*                             | 38.9                               | 105.2                                    | 4 700*                             | 42.5                               | 108.4                                    | 5 800*                             | 68.0                                 |
| 70.0                                 | 28.8                               | 94.7                                     | 2 600*                             | 32.0                               | 98.2                                     | 3 200*                             | 36.3                               | 102.5                                    | 4 400*                             | 40.1                               | 106.0                                    | 5 600*                             | 70.0                                 |
| 72.0                                 | 25.3                               | 90.6                                     | 2 500*                             | 28.8                               | 94.6                                     | 3 000*                             | 33.5                               | 99.5                                     | 4 100*                             | 37.6                               | 103.4                                    | 5 300*                             | 72.0                                 |
| 74.0                                 | 21.2                               | 85.7                                     | 2 300*                             | 25.3                               | 90.5                                     | 2 900*                             | 30.5                               | 96.2                                     | 3 800*                             | 34.9                               | 100.6                                    | 5 100*                             | 74.0                                 |
| 76.0                                 | 16.0                               | 79.4                                     | 2 300*                             | 21.2                               | 85.6                                     | 2 700*                             | 27.2                               | 92.4                                     | 3 600*                             | 32.0                               | 97.4                                     | 4 800*                             | 76.0                                 |
| 78.0                                 |                                    |                                          |                                    | 16.0                               | 79.3                                     | 2 600*                             | 23.4                               | 87.9                                     | 3 400*                             | 28.9                               | 93.9                                     | 4 500*                             | 78.0                                 |
| 80.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 18.8                               | 82.4                                     | 3 200*                             | 25.3                               | 89.8                                     | 4 200*                             | 80.0                                 |
| 82.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 12.7                               | 74.8                                     | 3 000*                             | 21.2                               | 84.8                                     | 3 900*                             | 82.0                                 |
| 84.0                                 |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 16.1                               | 78.5                                     | 3 600*                             | 84.0                                 |



# Liftcrane Fixed Jib Capacities

**Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating**

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

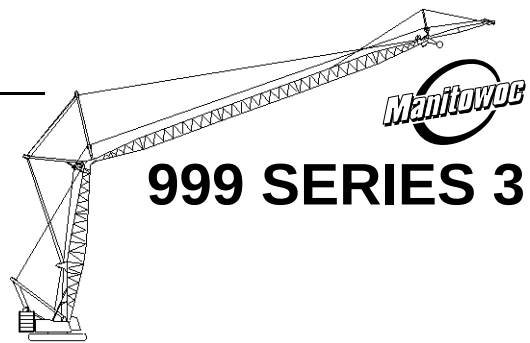
**57.9m (190 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib, 21.3m (70 Ft.) Fixed Jib**

| Fixed Jib<br>Oper.<br>Rad.<br>Meters | 88 Degree<br>Boom Angle            |                                          |                                    | 86 Degree<br>Boom Angle            |                                          |                                    | 83 Degree<br>Boom Angle            |                                          |                                    | 80 Degree<br>Boom Angle            |                                          |                                    | Fixed Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|--------------------------------------|
|                                      | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms |                                      |
| 25.9                                 | 74.9                               | 134.3                                    | 7 000*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 25.9                                 |
| 26.0                                 | 74.8                               | 134.3                                    | 7 000*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 26.0                                 |
| 28.0                                 | 73.3                               | 133.7                                    | 6 900*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 28.0                                 |
| 30.0                                 | 71.7                               | 133.0                                    | 6 900*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 30.0                                 |
| 32.0                                 | 70.1                               | 132.3                                    | 6 800*                             | 71.7                               | 132.9                                    | 7 900*                             |                                    |                                          |                                    |                                    |                                          |                                    | 32.0                                 |
| 34.0                                 | 68.5                               | 131.5                                    | 6 700*                             | 70.2                               | 132.2                                    | 7 900*                             |                                    |                                          |                                    |                                    |                                          |                                    | 34.0                                 |
| 36.0                                 | 66.9                               | 130.6                                    | 6 600*                             | 68.6                               | 131.4                                    | 7 800*                             |                                    |                                          |                                    |                                    |                                          |                                    | 36.0                                 |
| 38.0                                 | 65.3                               | 129.7                                    | 6 500*                             | 66.9                               | 130.5                                    | 7 700*                             |                                    |                                          |                                    |                                    |                                          |                                    | 38.0                                 |
| 40.0                                 | 63.6                               | 128.7                                    | 6 400*                             | 65.3                               | 129.6                                    | 7 600*                             | 67.8                               | 130.6                                    | 7 600*                             |                                    |                                          |                                    | 40.0                                 |
| 42.0                                 | 61.9                               | 127.6                                    | 6 300*                             | 63.6                               | 128.6                                    | 7 500*                             | 66.1                               | 129.7                                    | 7 600*                             |                                    |                                          |                                    | 42.0                                 |
| 44.0                                 | 60.2                               | 126.5                                    | 6 100*                             | 61.9                               | 127.5                                    | 7 400*                             | 64.5                               | 128.8                                    | 7 500*                             |                                    |                                          |                                    | 44.0                                 |
| 46.0                                 | 58.5                               | 125.2                                    | 5 800*                             | 60.2                               | 126.4                                    | 7 000*                             | 62.8                               | 127.7                                    | 7 400*                             | 65.3                               | 128.8                                    | 7 400*                             | 46.0                                 |
| 48.0                                 | 56.7                               | 123.9                                    | 5 400*                             | 58.5                               | 125.1                                    | 6 600*                             | 61.1                               | 126.6                                    | 7 300*                             | 63.6                               | 127.8                                    | 7 300*                             | 48.0                                 |
| 50.0                                 | 54.8                               | 122.5                                    | 5 100*                             | 56.7                               | 123.8                                    | 6 200*                             | 59.4                               | 125.4                                    | 7 300*                             | 61.9                               | 126.7                                    | 7 300*                             | 50.0                                 |
| 52.0                                 | 53.0                               | 121.0                                    | 4 700*                             | 54.9                               | 122.4                                    | 5 900*                             | 57.6                               | 124.1                                    | 7 200*                             | 60.2                               | 125.5                                    | 7 200*                             | 52.0                                 |
| 54.0                                 | 51.1                               | 119.4                                    | 4 400*                             | 53.0                               | 120.9                                    | 5 500*                             | 55.8                               | 122.8                                    | 7 100*                             | 58.5                               | 124.3                                    | 7 200*                             | 54.0                                 |
| 56.0                                 | 49.1                               | 117.6                                    | 4 100*                             | 51.1                               | 119.2                                    | 5 200*                             | 54.0                               | 121.3                                    | 6 800*                             | 56.7                               | 123.0                                    | 7 100*                             | 56.0                                 |
| 58.0                                 | 47.1                               | 115.8                                    | 3 900*                             | 49.1                               | 117.5                                    | 4 800*                             | 52.1                               | 119.8                                    | 6 400*                             | 54.9                               | 121.6                                    | 7 100*                             | 58.0                                 |
| 60.0                                 | 45.0                               | 113.8                                    | 3 600*                             | 47.1                               | 115.6                                    | 4 500*                             | 50.1                               | 118.1                                    | 6 100*                             | 53.0                               | 120.1                                    | 6 900*                             | 60.0                                 |
| 62.0                                 | 42.8                               | 111.6                                    | 3 400*                             | 45.0                               | 113.6                                    | 4 200*                             | 48.1                               | 116.3                                    | 5 700*                             | 51.1                               | 118.4                                    | 6 500*                             | 62.0                                 |
| 64.0                                 | 40.5                               | 109.3                                    | 3 200*                             | 42.8                               | 111.5                                    | 4 000*                             | 46.1                               | 114.4                                    | 5 300*                             | 49.1                               | 116.7                                    | 6 200*                             | 64.0                                 |
| 66.0                                 | 38.1                               | 106.7                                    | 2 900*                             | 40.5                               | 109.2                                    | 3 700*                             | 43.9                               | 112.3                                    | 5 000*                             | 47.1                               | 114.8                                    | 5 900*                             | 66.0                                 |
| 68.0                                 | 35.5                               | 104.0                                    | 2 800*                             | 38.1                               | 106.6                                    | 3 500*                             | 41.7                               | 110.0                                    | 4 700*                             | 45.0                               | 112.8                                    | 5 600*                             | 68.0                                 |
| 70.0                                 | 32.8                               | 100.9                                    | 2 600*                             | 35.6                               | 103.8                                    | 3 300*                             | 39.3                               | 107.6                                    | 4 400*                             | 42.8                               | 110.7                                    | 5 400*                             | 70.0                                 |
| 72.0                                 | 29.9                               | 97.5                                     | 2 500*                             | 32.8                               | 100.8                                    | 3 000*                             | 36.9                               | 105.0                                    | 4 200*                             | 40.5                               | 108.4                                    | 5 100*                             | 72.0                                 |
| 74.0                                 | 26.6                               | 93.6                                     | 2 300*                             | 29.9                               | 97.4                                     | 2 900*                             | 34.2                               | 102.1                                    | 3 900*                             | 38.1                               | 105.8                                    | 4 800*                             | 74.0                                 |
| 76.0                                 | 22.9                               | 89.0                                     | 2 200*                             | 26.6                               | 93.5                                     | 2 700*                             | 31.4                               | 98.8                                     | 3 600*                             | 35.6                               | 103.0                                    | 4 500*                             | 76.0                                 |
| 78.0                                 | 18.5                               | 83.4                                     | 2 100*                             | 22.9                               | 88.9                                     | 2 600*                             | 28.3                               | 95.2                                     | 3 400*                             | 32.8                               | 100.0                                    | 4 200*                             | 78.0                                 |
| 80.0                                 | 12.5                               | 75.6                                     | 2 100*                             | 18.5                               | 83.3                                     | 2 400*                             | 24.9                               | 91.0                                     | 3 200*                             | 29.9                               | 96.6                                     | 3 900*                             | 80.0                                 |
| 82.0                                 |                                    |                                          |                                    | 12.6                               | 75.6                                     | 2 400*                             | 20.9                               | 86.0                                     | 3 000*                             | 26.6                               | 92.7                                     | 3 600*                             | 82.0                                 |
| 84.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 15.9                               | 79.6                                     | 2 900*                             | 23.0                               | 88.1                                     | 3 400*                             | 84.0                                 |
| 86.0                                 |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 18.5                               | 82.5                                     | 3 100*                             | 86.0                                 |
| 88.0                                 |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 12.6                               | 74.8                                     | 2 900*                             | 88.0                                 |

# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

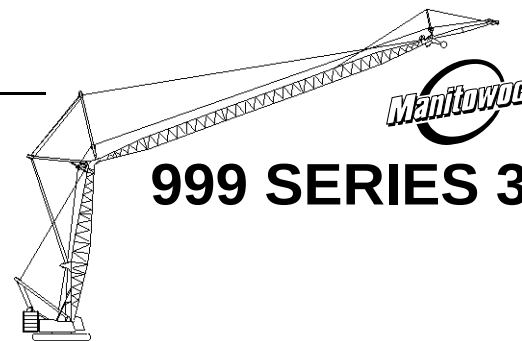
Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 999 SERIES 3

**57.9m (190 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib, 21.3m (70 Ft.) Fixed Jib**

| Fixed Jib<br>Oper.<br>Rad.<br>Meters | 88 Degree<br>Boom Angle            |                                          |                                    | 86 Degree<br>Boom Angle            |                                          |                                    | 83 Degree<br>Boom Angle            |                                          |                                    | 80 Degree<br>Boom Angle            |                                          |                                    | Fixed Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|--------------------------------------|
|                                      | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms |                                      |
| 27.4                                 | 74.4                               | 137.1                                    | 6 800*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 27.4                                 |
| 28.0                                 | 73.9                               | 136.9                                    | 6 800*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 28.0                                 |
| 30.0                                 | 72.4                               | 136.2                                    | 6 600*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 30.0                                 |
| 32.0                                 | 70.9                               | 135.5                                    | 6 500*                             | 72.5                               | 136.1                                    | 7 600*                             |                                    |                                          |                                    |                                    |                                          |                                    | 32.0                                 |
| 34.0                                 | 69.4                               | 134.8                                    | 6 500*                             | 70.9                               | 135.4                                    | 7 600*                             |                                    |                                          |                                    |                                    |                                          |                                    | 34.0                                 |
| 36.0                                 | 67.9                               | 134.0                                    | 6 400*                             | 69.4                               | 134.7                                    | 7 500*                             |                                    |                                          |                                    |                                    |                                          |                                    | 36.0                                 |
| 38.0                                 | 66.3                               | 133.1                                    | 6 300*                             | 67.9                               | 133.8                                    | 7 400*                             |                                    |                                          |                                    |                                    |                                          |                                    | 38.0                                 |
| 40.0                                 | 64.7                               | 132.1                                    | 6 200*                             | 66.3                               | 133.0                                    | 7 300*                             | 68.7                               | 133.9                                    | 7 400*                             |                                    |                                          |                                    | 40.0                                 |
| 42.0                                 | 63.1                               | 131.1                                    | 6 100*                             | 64.7                               | 132.0                                    | 7 300*                             | 67.1                               | 133.1                                    | 7 300*                             |                                    |                                          |                                    | 42.0                                 |
| 44.0                                 | 61.5                               | 130.0                                    | 5 900*                             | 63.1                               | 131.0                                    | 7 100*                             | 65.5                               | 132.2                                    | 7 300*                             |                                    |                                          |                                    | 44.0                                 |
| 46.0                                 | 59.8                               | 128.8                                    | 5 600*                             | 61.5                               | 129.9                                    | 6 800*                             | 63.9                               | 131.2                                    | 7 200*                             | 66.3                               | 132.1                                    | 7 200*                             | 46.0                                 |
| 48.0                                 | 58.1                               | 127.6                                    | 5 300*                             | 59.8                               | 128.7                                    | 6 400*                             | 62.3                               | 130.1                                    | 7 100*                             | 64.7                               | 131.2                                    | 7 100*                             | 48.0                                 |
| 50.0                                 | 56.4                               | 126.2                                    | 4 900*                             | 58.1                               | 127.5                                    | 6 100*                             | 60.7                               | 129.0                                    | 7 100*                             | 63.1                               | 130.2                                    | 7 100*                             | 50.0                                 |
| 52.0                                 | 54.6                               | 124.8                                    | 4 600*                             | 56.4                               | 126.1                                    | 5 700*                             | 59.0                               | 127.8                                    | 7 000*                             | 61.5                               | 129.1                                    | 7 100*                             | 52.0                                 |
| 54.0                                 | 52.8                               | 123.3                                    | 4 400*                             | 54.6                               | 124.7                                    | 5 400*                             | 57.3                               | 126.5                                    | 6 900*                             | 59.8                               | 127.9                                    | 6 900*                             | 54.0                                 |
| 56.0                                 | 51.0                               | 121.7                                    | 4 100*                             | 52.8                               | 123.2                                    | 5 100*                             | 55.5                               | 125.1                                    | 6 700*                             | 58.1                               | 126.6                                    | 6 900*                             | 56.0                                 |
| 58.0                                 | 49.1                               | 119.9                                    | 3 800*                             | 51.0                               | 121.5                                    | 4 800*                             | 53.8                               | 123.6                                    | 6 300*                             | 56.4                               | 125.3                                    | 6 800*                             | 58.0                                 |
| 60.0                                 | 47.1                               | 118.1                                    | 3 600*                             | 49.1                               | 119.8                                    | 4 500*                             | 51.9                               | 122.1                                    | 6 000*                             | 54.7                               | 123.9                                    | 6 800*                             | 60.0                                 |
| 62.0                                 | 45.1                               | 116.1                                    | 3 400*                             | 47.2                               | 118.0                                    | 4 200*                             | 50.1                               | 120.4                                    | 5 700*                             | 52.9                               | 122.4                                    | 6 700*                             | 62.0                                 |
| 64.0                                 | 43.0                               | 113.9                                    | 3 200*                             | 45.1                               | 116.0                                    | 3 900*                             | 48.2                               | 118.6                                    | 5 300*                             | 51.0                               | 120.7                                    | 6 500*                             | 64.0                                 |
| 66.0                                 | 40.8                               | 111.6                                    | 2 900*                             | 43.0                               | 113.8                                    | 3 700*                             | 46.2                               | 116.7                                    | 5 000*                             | 49.1                               | 119.0                                    | 6 200*                             | 66.0                                 |
| 68.0                                 | 38.6                               | 109.1                                    | 2 800*                             | 40.9                               | 111.5                                    | 3 500*                             | 44.1                               | 114.6                                    | 4 700*                             | 47.2                               | 117.2                                    | 5 700*                             | 68.0                                 |
| 70.0                                 | 36.1                               | 106.4                                    | 2 600*                             | 38.6                               | 109.0                                    | 3 300*                             | 42.0                               | 112.4                                    | 4 500*                             | 45.1                               | 115.2                                    | 5 400*                             | 70.0                                 |
| 72.0                                 | 33.6                               | 103.4                                    | 2 500*                             | 36.2                               | 106.3                                    | 3 100*                             | 39.7                               | 110.0                                    | 4 200*                             | 43.1                               | 113.0                                    | 5 000*                             | 72.0                                 |
| 74.0                                 | 30.8                               | 100.1                                    | 2 300*                             | 33.6                               | 103.3                                    | 2 900*                             | 37.4                               | 107.4                                    | 3 900*                             | 40.9                               | 110.7                                    | 4 700*                             | 74.0                                 |
| 76.0                                 | 27.8                               | 96.4                                     | 2 200*                             | 30.8                               | 100.0                                    | 2 700*                             | 34.9                               | 104.5                                    | 3 700*                             | 38.6                               | 108.2                                    | 4 300*                             | 76.0                                 |
| 78.0                                 | 24.4                               | 92.1                                     | 2 100*                             | 27.8                               | 96.3                                     | 2 600*                             | 32.3                               | 101.4                                    | 3 500*                             | 36.2                               | 105.5                                    | 4 000*                             | 78.0                                 |
| 80.0                                 | 20.5                               | 87.0                                     | 2 000*                             | 24.4                               | 92.0                                     | 2 400*                             | 29.4                               | 97.9                                     | 3 300*                             | 33.6                               | 102.5                                    | 3 700*                             | 80.0                                 |
| 82.0                                 | 15.6                               | 80.5                                     | 1 900*                             | 20.5                               | 87.0                                     | 2 300*                             | 26.2                               | 94.0                                     | 3 100*                             | 30.8                               | 99.2                                     | 3 500*                             | 82.0                                 |
| 84.0                                 |                                    |                                          |                                    | 15.7                               | 80.5                                     | 2 300*                             | 22.6                               | 89.3                                     | 2 900*                             | 27.8                               | 95.5                                     | 3 200*                             | 84.0                                 |
| 86.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 18.3                               | 83.7                                     | 2 800*                             | 24.5                               | 91.3                                     | 3 000*                             | 86.0                                 |
| 88.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 12.5                               | 75.9                                     | 2 600*                             | 20.5                               | 86.2                                     | 2 700*                             | 88.0                                 |
| 90.0                                 |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 15.7                               | 79.7                                     | 2 500*                             | 90.0                                 |



# Liftcrane Fixed Jib Capacities

**999 SERIES 3**

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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

**57.9m (190 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib, 21.3m (70 Ft.) Fixed Jib**

| Fixed Jib Oper. Rad. Meters | 88 Degree Boom Angle      |                              |                              | 86 Degree Boom Angle      |                              |                              | 83 Degree Boom Angle      |                              |                              | 80 Degree Boom Angle      |                              |                              | Fixed Jib Oper. Rad. Meters |
|-----------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|-----------------------------|
|                             | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms |                             |
| 27.4                        | 75.0                      | 140.2                        | 6 300*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 27.4                        |
| 28.0                        | 74.6                      | 140.1                        | 6 300*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 28.0                        |
| 30.0                        | 73.1                      | 139.5                        | 6 300*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 30.0                        |
| 32.0                        | 71.7                      | 138.8                        | 6 200*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 32.0                        |
| 34.0                        | 70.2                      | 138.1                        | 6 200*                       | 71.7                      | 138.7                        | 7 200*                       |                           |                              |                              |                           |                              |                              | 34.0                        |
| 36.0                        | 68.7                      | 137.3                        | 6 100*                       | 70.2                      | 137.9                        | 7 200*                       |                           |                              |                              |                           |                              |                              | 36.0                        |
| 38.0                        | 67.2                      | 136.4                        | 6 000*                       | 68.7                      | 137.1                        | 7 100*                       |                           |                              |                              |                           |                              |                              | 38.0                        |
| 40.0                        | 65.7                      | 135.5                        | 5 900*                       | 67.2                      | 136.3                        | 7 100*                       | 69.5                      | 137.2                        | 7 100*                       |                           |                              |                              | 40.0                        |
| 42.0                        | 64.2                      | 134.5                        | 5 900*                       | 65.7                      | 135.4                        | 7 000*                       | 68.0                      | 136.4                        | 7 000*                       |                           |                              |                              | 42.0                        |
| 44.0                        | 62.6                      | 133.5                        | 5 700*                       | 64.2                      | 134.4                        | 6 900*                       | 66.5                      | 135.5                        | 7 000*                       |                           |                              |                              | 44.0                        |
| 46.0                        | 61.0                      | 132.4                        | 5 400*                       | 62.6                      | 133.4                        | 6 500*                       | 65.0                      | 134.6                        | 6 900*                       |                           |                              |                              | 46.0                        |
| 48.0                        | 59.4                      | 131.2                        | 5 100*                       | 61.0                      | 132.2                        | 6 200*                       | 63.4                      | 133.6                        | 6 900*                       | 65.7                      | 134.6                        | 6 800*                       | 48.0                        |
| 50.0                        | 57.8                      | 129.9                        | 4 800*                       | 59.4                      | 131.1                        | 5 900*                       | 61.8                      | 132.5                        | 6 900*                       | 64.2                      | 133.6                        | 6 800*                       | 50.0                        |
| 52.0                        | 56.1                      | 128.6                        | 4 500*                       | 57.8                      | 129.8                        | 5 600*                       | 60.3                      | 131.3                        | 6 700*                       | 62.6                      | 132.6                        | 6 800*                       | 52.0                        |
| 54.0                        | 54.4                      | 127.1                        | 4 300*                       | 56.1                      | 128.4                        | 5 300*                       | 58.6                      | 130.1                        | 6 700*                       | 61.0                      | 131.4                        | 6 700*                       | 54.0                        |
| 56.0                        | 52.7                      | 125.6                        | 4 000*                       | 54.4                      | 127.0                        | 5 000*                       | 57.0                      | 128.8                        | 6 500*                       | 59.4                      | 130.2                        | 6 700*                       | 56.0                        |
| 58.0                        | 50.9                      | 124.0                        | 3 700*                       | 52.7                      | 125.5                        | 4 700*                       | 55.3                      | 127.4                        | 6 200*                       | 57.8                      | 129.0                        | 6 700*                       | 58.0                        |
| 60.0                        | 49.1                      | 122.2                        | 3 500*                       | 50.9                      | 123.8                        | 4 400*                       | 53.6                      | 125.9                        | 5 900*                       | 56.1                      | 127.6                        | 6 600*                       | 60.0                        |
| 62.0                        | 47.2                      | 120.4                        | 3 300*                       | 49.1                      | 122.1                        | 4 200*                       | 51.8                      | 124.4                        | 5 600*                       | 54.5                      | 126.2                        | 6 500*                       | 62.0                        |
| 64.0                        | 45.3                      | 118.4                        | 3 100*                       | 47.2                      | 120.3                        | 3 900*                       | 50.0                      | 122.7                        | 5 300*                       | 52.7                      | 124.7                        | 6 300*                       | 64.0                        |
| 66.0                        | 43.3                      | 116.3                        | 2 900*                       | 45.3                      | 118.3                        | 3 700*                       | 48.2                      | 120.9                        | 5 000*                       | 50.9                      | 123.0                        | 5 800*                       | 66.0                        |
| 68.0                        | 41.2                      | 114.0                        | 2 700*                       | 43.3                      | 116.2                        | 3 400*                       | 46.3                      | 119.0                        | 4 700*                       | 49.1                      | 121.3                        | 5 400*                       | 68.0                        |
| 70.0                        | 39.0                      | 111.5                        | 2 500*                       | 41.2                      | 113.9                        | 3 200*                       | 44.3                      | 116.9                        | 4 400*                       | 47.2                      | 119.5                        | 5 000*                       | 70.0                        |
| 72.0                        | 36.7                      | 108.9                        | 2 400*                       | 39.0                      | 111.4                        | 3 000*                       | 42.3                      | 114.7                        | 4 200*                       | 45.3                      | 117.5                        | 4 700*                       | 72.0                        |
| 74.0                        | 34.3                      | 105.9                        | 2 300*                       | 36.7                      | 108.8                        | 2 900*                       | 40.1                      | 112.4                        | 3 900*                       | 43.3                      | 115.4                        | 4 400*                       | 74.0                        |
| 76.0                        | 31.6                      | 102.7                        | 2 100*                       | 34.3                      | 105.8                        | 2 700*                       | 37.9                      | 109.8                        | 3 700*                       | 41.2                      | 113.1                        | 4 000*                       | 76.0                        |
| 78.0                        | 28.8                      | 99.2                         | 1 800*                       | 31.7                      | 102.6                        | 2 600*                       | 35.5                      | 107.0                        | 3 500*                       | 39.0                      | 110.6                        | 3 700*                       | 78.0                        |
| 80.0                        |                           |                              |                              | 28.9                      | 99.1                         | 2 400*                       | 33.0                      | 104.0                        | 3 300*                       | 36.7                      | 108.0                        | 3 400*                       | 80.0                        |
| 82.0                        |                           |                              |                              | 25.7                      | 95.0                         | 2 300*                       | 30.3                      | 100.6                        | 3 100*                       | 34.3                      | 105.0                        | 3 200*                       | 82.0                        |
| 84.0                        |                           |                              |                              | 22.2                      | 90.3                         | 2 200*                       | 27.4                      | 96.8                         | 2 900*                       | 31.7                      | 101.8                        | 2 900*                       | 84.0                        |
| 86.0                        |                           |                              |                              | 18.0                      | 84.6                         | 2 100*                       | 24.1                      | 92.5                         | 2 600*                       | 28.9                      | 98.3                         | 2 600*                       | 86.0                        |
| 88.0                        |                           |                              |                              | 12.4                      | 76.7                         | 1 800*                       | 20.3                      | 87.3                         | 2 400*                       | 25.8                      | 94.2                         | 2 400*                       | 88.0                        |
| 90.0                        |                           |                              |                              |                           |                              |                              | 15.5                      | 80.8                         | 2 200*                       | 22.2                      | 89.5                         | 2 200*                       | 90.0                        |
| 92.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 18.0                      | 83.8                         | 2 000*                       | 92.0                        |

# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

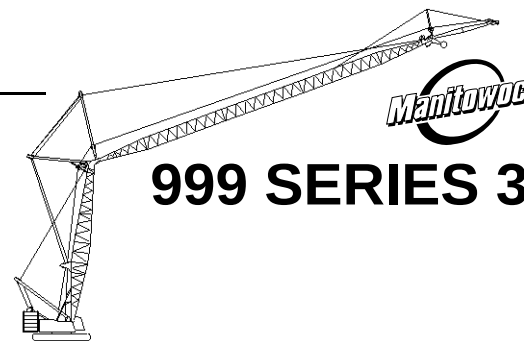
Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



**999 SERIES 3**

**57.9m (190 Ft.) Boom, 64.0m (210 Ft.) Luffing Jib, 21.3m (70 Ft.) Fixed Jib**

| Fixed Jib Oper. Rad. Meters | 88 Degree Boom Angle      |                              |                              | 86 Degree Boom Angle      |                              |                              | 83 Degree Boom Angle      |                              |                              | Fixed Jib Oper. Rad. Meters |
|-----------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|-----------------------------|
|                             | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms |                             |
| 29.0                        | 74.5                      | 143.0                        | 6 000*                       |                           |                              |                              |                           |                              |                              | 29.0                        |
| 30.0                        | 73.7                      | 142.7                        | 6 000*                       |                           |                              |                              |                           |                              |                              | 30.0                        |
| 32.0                        | 72.3                      | 142.0                        | 5 900*                       |                           |                              |                              |                           |                              |                              | 32.0                        |
| 34.0                        | 70.9                      | 141.3                        | 5 900*                       | 72.3                      | 141.9                        | 6 900*                       |                           |                              |                              | 34.0                        |
| 36.0                        | 69.5                      | 140.5                        | 5 800*                       | 70.9                      | 141.2                        | 6 800*                       |                           |                              |                              | 36.0                        |
| 38.0                        | 68.1                      | 139.7                        | 5 700*                       | 69.5                      | 140.4                        | 6 800*                       |                           |                              |                              | 38.0                        |
| 40.0                        | 66.6                      | 138.9                        | 5 700*                       | 68.1                      | 139.6                        | 6 800*                       |                           |                              |                              | 40.0                        |
| 42.0                        | 65.1                      | 137.9                        | 5 600*                       | 66.6                      | 138.7                        | 6 700*                       | 68.8                      | 139.7                        | 6 700*                       | 42.0                        |
| 44.0                        | 63.7                      | 136.9                        | 5 500*                       | 65.2                      | 137.8                        | 6 500*                       | 67.4                      | 138.9                        | 6 700*                       | 44.0                        |
| 46.0                        | 62.2                      | 135.9                        | 5 200*                       | 63.7                      | 136.8                        | 6 300*                       | 65.9                      | 138.0                        | 6 600*                       | 46.0                        |
| 48.0                        | 60.6                      | 134.7                        | 4 900*                       | 62.2                      | 135.7                        | 6 000*                       | 64.4                      | 137.0                        | 6 600*                       | 48.0                        |
| 50.0                        | 59.1                      | 133.5                        | 4 700*                       | 60.6                      | 134.6                        | 5 700*                       | 62.9                      | 136.0                        | 6 600*                       | 50.0                        |
| 52.0                        | 57.5                      | 132.2                        | 4 400*                       | 59.1                      | 133.4                        | 5 400*                       | 61.4                      | 134.9                        | 6 500*                       | 52.0                        |
| 54.0                        | 55.9                      | 130.9                        | 4 100*                       | 57.5                      | 132.1                        | 5 100*                       | 59.9                      | 133.7                        | 6 500*                       | 54.0                        |
| 56.0                        | 54.2                      | 129.4                        | 3 900*                       | 55.9                      | 130.8                        | 4 900*                       | 58.3                      | 132.5                        | 6 300*                       | 56.0                        |
| 58.0                        | 52.6                      | 127.9                        | 3 700*                       | 54.3                      | 129.3                        | 4 600*                       | 56.7                      | 131.1                        | 6 000*                       | 58.0                        |
| 60.0                        | 50.8                      | 126.3                        | 3 500*                       | 52.6                      | 127.8                        | 4 300*                       | 55.1                      | 129.7                        | 5 700*                       | 60.0                        |
| 62.0                        | 49.1                      | 124.5                        | 3 200*                       | 50.9                      | 126.1                        | 4 100*                       | 53.4                      | 128.2                        | 5 400*                       | 62.0                        |
| 64.0                        | 47.3                      | 122.7                        | 3 000*                       | 49.1                      | 124.4                        | 3 900*                       | 51.7                      | 126.7                        | 5 100*                       | 64.0                        |
| 66.0                        | 45.4                      | 120.7                        | 2 900*                       | 47.3                      | 122.6                        | 3 600*                       | 50.0                      | 125.0                        | 4 900*                       | 66.0                        |
| 68.0                        | 43.5                      | 118.6                        | 2 700*                       | 45.4                      | 120.6                        | 3 400*                       | 48.2                      | 123.2                        | 4 600*                       | 68.0                        |
| 70.0                        | 41.5                      | 116.3                        | 2 500*                       | 43.5                      | 118.5                        | 3 200*                       | 46.4                      | 121.3                        | 4 400*                       | 70.0                        |
| 72.0                        | 39.4                      | 113.9                        | 2 300*                       | 41.5                      | 116.2                        | 3 000*                       | 44.5                      | 119.2                        | 4 100*                       | 72.0                        |
| 74.0                        | 37.2                      | 111.3                        | 2 000*                       | 39.4                      | 113.8                        | 2 900*                       | 42.5                      | 117.1                        | 3 900*                       | 74.0                        |
| 76.0                        | 34.9                      | 108.4                        | 1 900*                       | 37.2                      | 111.2                        | 2 700*                       | 40.5                      | 114.7                        | 3 600*                       | 76.0                        |
| 78.0                        |                           |                              |                              | 34.9                      | 108.3                        | 2 600*                       | 38.3                      | 112.2                        | 3 500*                       | 78.0                        |
| 80.0                        |                           |                              |                              | 32.4                      | 105.2                        | 2 400*                       | 36.1                      | 109.5                        | 3 200*                       | 80.0                        |
| 82.0                        |                           |                              |                              | 29.8                      | 101.8                        | 2 300*                       | 33.7                      | 106.5                        | 2 900*                       | 82.0                        |
| 84.0                        |                           |                              |                              | 26.9                      | 97.9                         | 2 100*                       | 31.2                      | 103.3                        | 2 600*                       | 84.0                        |
| 86.0                        |                           |                              |                              |                           |                              |                              | 28.4                      | 99.6                         | 2 400*                       | 86.0                        |
| 88.0                        |                           |                              |                              |                           |                              |                              | 25.4                      | 95.5                         | 2 200*                       | 88.0                        |
| 90.0                        |                           |                              |                              |                           |                              |                              | 21.9                      | 90.7                         | 1 900*                       | 90.0                        |



# Liftcrane Fixed Jib Capacities

**999 SERIES 3**

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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

**57.9m (190 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib, 24.4m (80 Ft.) Fixed Jib**

| Fixed Jib Oper. Rad. Meters | 88 Degree Boom Angle      |                              |                              | 86 Degree Boom Angle      |                              |                              | 83 Degree Boom Angle      |                              |                              | 80 Degree Boom Angle      |                              |                              | Fixed Jib Oper. Rad. Meters |
|-----------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|-----------------------------|
|                             | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms |                             |
| 25.9                        | 74.7                      | 134.4                        | 5 900*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 25.9                        |
| 26.0                        | 74.6                      | 134.3                        | 5 900*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 26.0                        |
| 28.0                        | 73.0                      | 133.7                        | 5 800*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 28.0                        |
| 30.0                        | 71.5                      | 133.0                        | 5 700*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 30.0                        |
| 32.0                        | 69.9                      | 132.3                        | 5 600*                       | 71.5                      | 132.9                        | 6 600*                       |                           |                              |                              |                           |                              |                              | 32.0                        |
| 34.0                        | 68.3                      | 131.5                        | 5 600*                       | 69.9                      | 132.2                        | 6 500*                       |                           |                              |                              |                           |                              |                              | 34.0                        |
| 36.0                        | 66.7                      | 130.7                        | 5 500*                       | 68.3                      | 131.4                        | 6 400*                       |                           |                              |                              |                           |                              |                              | 36.0                        |
| 38.0                        | 65.0                      | 129.7                        | 5 400*                       | 66.7                      | 130.5                        | 6 300*                       |                           |                              |                              |                           |                              |                              | 38.0                        |
| 40.0                        | 63.4                      | 128.7                        | 5 200*                       | 65.0                      | 129.6                        | 6 200*                       | 67.5                      | 130.7                        | 6 200*                       |                           |                              |                              | 40.0                        |
| 42.0                        | 61.7                      | 127.7                        | 5 200*                       | 63.4                      | 128.6                        | 6 100*                       | 65.9                      | 129.8                        | 6 100*                       |                           |                              |                              | 42.0                        |
| 44.0                        | 59.9                      | 126.5                        | 5 100*                       | 61.7                      | 127.5                        | 5 900*                       | 64.2                      | 128.8                        | 6 000*                       |                           |                              |                              | 44.0                        |
| 46.0                        | 58.2                      | 125.3                        | 5 000*                       | 60.0                      | 126.4                        | 5 900*                       | 62.5                      | 127.8                        | 6 000*                       | 65.0                      | 128.8                        | 6 000*                       | 46.0                        |
| 48.0                        | 56.4                      | 123.9                        | 4 900*                       | 58.2                      | 125.1                        | 5 800*                       | 60.8                      | 126.6                        | 5 900*                       | 63.4                      | 127.8                        | 5 900*                       | 48.0                        |
| 50.0                        | 54.6                      | 122.5                        | 4 900*                       | 56.4                      | 123.8                        | 5 700*                       | 59.1                      | 125.5                        | 5 800*                       | 61.7                      | 126.7                        | 5 800*                       | 50.0                        |
| 52.0                        | 52.7                      | 121.0                        | 4 600*                       | 54.6                      | 122.4                        | 5 600*                       | 57.3                      | 124.2                        | 5 700*                       | 60.0                      | 125.6                        | 5 800*                       | 52.0                        |
| 54.0                        | 50.8                      | 119.4                        | 4 300*                       | 52.7                      | 120.9                        | 5 400*                       | 55.5                      | 122.8                        | 5 600*                       | 58.2                      | 124.3                        | 5 700*                       | 54.0                        |
| 56.0                        | 48.8                      | 117.7                        | 4 100*                       | 50.8                      | 119.3                        | 5 100*                       | 53.7                      | 121.4                        | 5 500*                       | 56.4                      | 123.0                        | 5 600*                       | 56.0                        |
| 58.0                        | 46.8                      | 115.8                        | 3 800*                       | 48.9                      | 117.5                        | 4 700*                       | 51.8                      | 119.8                        | 5 400*                       | 54.6                      | 121.6                        | 5 500*                       | 58.0                        |
| 60.0                        | 44.7                      | 113.8                        | 3 600*                       | 46.8                      | 115.7                        | 4 400*                       | 49.9                      | 118.1                        | 5 300*                       | 52.8                      | 120.1                        | 5 400*                       | 60.0                        |
| 62.0                        | 42.5                      | 111.6                        | 3 300*                       | 44.7                      | 113.7                        | 4 100*                       | 47.9                      | 116.3                        | 5 200*                       | 50.8                      | 118.5                        | 5 300*                       | 62.0                        |
| 64.0                        | 40.2                      | 109.3                        | 3 100*                       | 42.5                      | 111.5                        | 3 900*                       | 45.8                      | 114.4                        | 5 100*                       | 48.9                      | 116.7                        | 5 300*                       | 64.0                        |
| 66.0                        | 37.8                      | 106.8                        | 2 900*                       | 40.3                      | 109.2                        | 3 600*                       | 43.7                      | 112.3                        | 4 900*                       | 46.8                      | 114.9                        | 5 200*                       | 66.0                        |
| 68.0                        | 35.3                      | 104.0                        | 2 700*                       | 37.9                      | 106.7                        | 3 400*                       | 41.4                      | 110.1                        | 4 600*                       | 44.7                      | 112.9                        | 5 100*                       | 68.0                        |
| 70.0                        | 32.6                      | 100.9                        | 2 500*                       | 35.3                      | 103.9                        | 3 100*                       | 39.1                      | 107.6                        | 4 300*                       | 42.6                      | 110.7                        | 5 000*                       | 70.0                        |
| 72.0                        | 29.6                      | 97.5                         | 2 400*                       | 32.6                      | 100.8                        | 3 000*                       | 36.6                      | 105.0                        | 4 000*                       | 40.3                      | 108.4                        | 4 900*                       | 72.0                        |
| 74.0                        | 26.4                      | 93.6                         | 2 200*                       | 29.7                      | 97.4                         | 2 800*                       | 34.0                      | 102.1                        | 3 700*                       | 37.9                      | 105.9                        | 4 800*                       | 74.0                        |
| 76.0                        | 22.7                      | 89.1                         | 2 100*                       | 26.4                      | 93.5                         | 2 600*                       | 31.2                      | 98.9                         | 3 500*                       | 35.3                      | 103.1                        | 4 500*                       | 76.0                        |
| 78.0                        | 18.3                      | 83.5                         | 2 000*                       | 22.7                      | 89.0                         | 2 400*                       | 28.1                      | 95.2                         | 3 300*                       | 32.6                      | 100.0                        | 4 300*                       | 78.0                        |
| 80.0                        | 12.3                      | 75.8                         | 2 000*                       | 18.3                      | 83.4                         | 2 300*                       | 24.7                      | 91.1                         | 3 100*                       | 29.7                      | 96.6                         | 4 100*                       | 80.0                        |
| 82.0                        |                           |                              |                              | 12.4                      | 75.7                         | 2 200*                       | 20.7                      | 86.1                         | 2 900*                       | 26.4                      | 92.7                         | 3 900*                       | 82.0                        |
| 84.0                        |                           |                              |                              |                           |                              |                              | 15.7                      | 79.7                         | 2 800*                       | 22.7                      | 88.2                         | 3 600*                       | 84.0                        |
| 86.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 18.3                      | 82.6                         | 3 400*                       | 86.0                        |
| 88.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 12.4                      | 74.9                         | 3 100*                       | 88.0                        |

# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

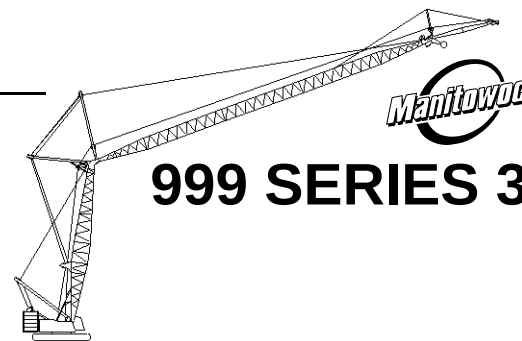
Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 999 SERIES 3

57.9m (190 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib, 24.4m (80 Ft.) Fixed Jib

| Fixed Jib<br>Oper.<br>Rad.<br>Meters | 88 Degree<br>Boom Angle            |                                          |                                    | 86 Degree<br>Boom Angle            |                                          |                                    | 83 Degree<br>Boom Angle            |                                          |                                    | 80 Degree<br>Boom Angle            |                                          |                                    | Fixed Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|--------------------------------------|
|                                      | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms |                                      |
| 27.4                                 | 74.1                               | 137.1                                    | 5 700*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 27.4                                 |
| 28.0                                 | 73.7                               | 136.9                                    | 5 600*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 28.0                                 |
| 30.0                                 | 72.2                               | 136.3                                    | 5 600*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 30.0                                 |
| 32.0                                 | 70.7                               | 135.6                                    | 5 500*                             | 72.2                               | 136.1                                    | 6 400*                             |                                    |                                          |                                    |                                    |                                          |                                    | 32.0                                 |
| 34.0                                 | 69.1                               | 134.8                                    | 5 400*                             | 70.7                               | 135.4                                    | 6 400*                             |                                    |                                          |                                    |                                    |                                          |                                    | 34.0                                 |
| 36.0                                 | 67.6                               | 134.0                                    | 5 300*                             | 69.2                               | 134.7                                    | 6 200*                             |                                    |                                          |                                    |                                    |                                          |                                    | 36.0                                 |
| 38.0                                 | 66.0                               | 133.1                                    | 5 300*                             | 67.6                               | 133.9                                    | 6 200*                             |                                    |                                          |                                    |                                    |                                          |                                    | 38.0                                 |
| 40.0                                 | 64.4                               | 132.1                                    | 5 200*                             | 66.0                               | 133.0                                    | 6 100*                             | 68.4                               | 134.0                                    | 6 100*                             |                                    |                                          |                                    | 40.0                                 |
| 42.0                                 | 62.8                               | 131.1                                    | 5 100*                             | 64.5                               | 132.0                                    | 6 000*                             | 66.8                               | 133.1                                    | 6 000*                             |                                    |                                          |                                    | 42.0                                 |
| 44.0                                 | 61.2                               | 130.0                                    | 5 000*                             | 62.9                               | 131.0                                    | 5 900*                             | 65.3                               | 132.2                                    | 6 000*                             |                                    |                                          |                                    | 44.0                                 |
| 46.0                                 | 59.6                               | 128.9                                    | 4 900*                             | 61.2                               | 129.9                                    | 5 800*                             | 63.7                               | 131.2                                    | 5 900*                             | 66.1                               | 132.2                                    | 5 900*                             | 46.0                                 |
| 48.0                                 | 57.9                               | 127.6                                    | 4 900*                             | 59.6                               | 128.7                                    | 5 700*                             | 62.1                               | 130.1                                    | 5 800*                             | 64.5                               | 131.2                                    | 5 800*                             | 48.0                                 |
| 50.0                                 | 56.1                               | 126.3                                    | 4 800*                             | 57.9                               | 127.5                                    | 5 600*                             | 60.4                               | 129.0                                    | 5 700*                             | 62.9                               | 130.2                                    | 5 700*                             | 50.0                                 |
| 52.0                                 | 54.4                               | 124.8                                    | 4 600*                             | 56.2                               | 126.1                                    | 5 500*                             | 58.7                               | 127.8                                    | 5 600*                             | 61.2                               | 129.1                                    | 5 700*                             | 52.0                                 |
| 54.0                                 | 52.6                               | 123.3                                    | 4 300*                             | 54.4                               | 124.7                                    | 5 300*                             | 57.0                               | 126.5                                    | 5 500*                             | 59.6                               | 127.9                                    | 5 600*                             | 54.0                                 |
| 56.0                                 | 50.7                               | 121.7                                    | 4 000*                             | 52.6                               | 123.2                                    | 5 000*                             | 55.3                               | 125.1                                    | 5 400*                             | 57.9                               | 126.7                                    | 5 500*                             | 56.0                                 |
| 58.0                                 | 48.9                               | 120.0                                    | 3 700*                             | 50.8                               | 121.6                                    | 4 700*                             | 53.5                               | 123.7                                    | 5 300*                             | 56.2                               | 125.3                                    | 5 400*                             | 58.0                                 |
| 60.0                                 | 46.9                               | 118.1                                    | 3 500*                             | 48.9                               | 119.8                                    | 4 400*                             | 51.7                               | 122.1                                    | 5 300*                             | 54.4                               | 123.9                                    | 5 400*                             | 60.0                                 |
| 62.0                                 | 44.9                               | 116.1                                    | 3 300*                             | 46.9                               | 118.0                                    | 4 100*                             | 49.8                               | 120.4                                    | 5 200*                             | 52.6                               | 122.4                                    | 5 300*                             | 62.0                                 |
| 64.0                                 | 42.8                               | 114.0                                    | 3 100*                             | 44.9                               | 116.0                                    | 3 900*                             | 47.9                               | 118.6                                    | 5 100*                             | 50.8                               | 120.8                                    | 5 200*                             | 64.0                                 |
| 66.0                                 | 40.6                               | 111.7                                    | 2 900*                             | 42.8                               | 113.9                                    | 3 600*                             | 45.9                               | 116.7                                    | 4 900*                             | 48.9                               | 119.0                                    | 5 100*                             | 66.0                                 |
| 68.0                                 | 38.3                               | 109.2                                    | 2 700*                             | 40.6                               | 111.6                                    | 3 400*                             | 43.9                               | 114.6                                    | 4 600*                             | 46.9                               | 117.2                                    | 5 000*                             | 68.0                                 |
| 70.0                                 | 35.9                               | 106.5                                    | 2 500*                             | 38.3                               | 109.1                                    | 3 200*                             | 41.7                               | 112.4                                    | 4 300*                             | 44.9                               | 115.2                                    | 5 000*                             | 70.0                                 |
| 72.0                                 | 33.3                               | 103.5                                    | 2 400*                             | 35.9                               | 106.3                                    | 3 000*                             | 39.5                               | 110.0                                    | 4 100*                             | 42.8                               | 113.1                                    | 4 800*                             | 72.0                                 |
| 74.0                                 | 30.6                               | 100.2                                    | 2 200*                             | 33.4                               | 103.4                                    | 2 800*                             | 37.2                               | 107.4                                    | 3 800*                             | 40.6                               | 110.8                                    | 4 600*                             | 74.0                                 |
| 76.0                                 | 27.6                               | 96.5                                     | 2 100*                             | 30.6                               | 100.1                                    | 2 600*                             | 34.7                               | 104.6                                    | 3 600*                             | 38.3                               | 108.3                                    | 4 300*                             | 76.0                                 |
| 78.0                                 | 24.2                               | 92.2                                     | 2 000*                             | 27.6                               | 96.4                                     | 2 500*                             | 32.0                               | 101.5                                    | 3 300*                             | 35.9                               | 105.6                                    | 4 100*                             | 78.0                                 |
| 80.0                                 | 20.3                               | 87.1                                     | 1 900*                             | 24.2                               | 92.1                                     | 2 300*                             | 29.1                               | 98.0                                     | 3 100*                             | 33.4                               | 102.6                                    | 3 900*                             | 80.0                                 |
| 82.0                                 | 15.4                               | 80.6                                     | 1 800*                             | 20.3                               | 87.0                                     | 2 200*                             | 26.0                               | 94.0                                     | 2 900*                             | 30.6                               | 99.3                                     | 3 600*                             | 82.0                                 |
| 84.0                                 |                                    |                                          |                                    | 15.5                               | 80.5                                     | 2 100*                             | 22.4                               | 89.4                                     | 2 700*                             | 27.6                               | 95.6                                     | 3 400*                             | 84.0                                 |
| 86.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 18.1                               | 83.8                                     | 2 600*                             | 24.2                               | 91.3                                     | 3 100*                             | 86.0                                 |
| 88.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 12.4                               | 76.0                                     | 2 500*                             | 20.3                               | 86.2                                     | 2 900*                             | 88.0                                 |
| 90.0                                 |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 15.5                               | 79.8                                     | 2 600*                             | 90.0                                 |



# Liftcrane Fixed Jib Capacities

**999 SERIES 3**

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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

**57.9m (190 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib, 24.4m (80 Ft.) Fixed Jib**

| Fixed Jib Oper. Rad. Meters | 88 Degree Boom Angle      |                              |                              | 86 Degree Boom Angle      |                              |                              | 83 Degree Boom Angle      |                              |                              | 80 Degree Boom Angle      |                              |                              | Fixed Jib Oper. Rad. Meters |
|-----------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|-----------------------------|
|                             | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms |                             |
| 27.4                        | 74.7                      | 140.3                        | 5 500*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 27.4                        |
| 28.0                        | 74.3                      | 140.1                        | 5 500*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 28.0                        |
| 30.0                        | 72.9                      | 139.5                        | 5 500*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 30.0                        |
| 32.0                        | 71.4                      | 138.8                        | 5 400*                       | 72.9                      | 139.4                        | 6 300*                       |                           |                              |                              |                           |                              |                              | 32.0                        |
| 34.0                        | 69.9                      | 138.1                        | 5 300*                       | 71.4                      | 138.7                        | 6 200*                       |                           |                              |                              |                           |                              |                              | 34.0                        |
| 36.0                        | 68.5                      | 137.3                        | 5 200*                       | 70.0                      | 138.0                        | 6 100*                       |                           |                              |                              |                           |                              |                              | 36.0                        |
| 38.0                        | 67.0                      | 136.4                        | 5 100*                       | 68.5                      | 137.2                        | 6 000*                       |                           |                              |                              |                           |                              |                              | 38.0                        |
| 40.0                        | 65.5                      | 135.5                        | 5 100*                       | 67.0                      | 136.3                        | 6 000*                       | 69.2                      | 137.2                        | 6 000*                       |                           |                              |                              | 40.0                        |
| 42.0                        | 63.9                      | 134.6                        | 5 000*                       | 65.5                      | 135.4                        | 5 900*                       | 67.7                      | 136.4                        | 5 900*                       |                           |                              |                              | 42.0                        |
| 44.0                        | 62.4                      | 133.5                        | 4 900*                       | 63.9                      | 134.4                        | 5 800*                       | 66.2                      | 135.6                        | 5 800*                       |                           |                              |                              | 44.0                        |
| 46.0                        | 60.8                      | 132.4                        | 4 800*                       | 62.4                      | 133.4                        | 5 700*                       | 64.7                      | 134.6                        | 5 700*                       |                           |                              |                              | 46.0                        |
| 48.0                        | 59.2                      | 131.2                        | 4 800*                       | 60.8                      | 132.3                        | 5 600*                       | 63.2                      | 133.6                        | 5 700*                       | 65.5                      | 134.6                        | 5 700*                       | 48.0                        |
| 50.0                        | 57.6                      | 129.9                        | 4 700*                       | 59.2                      | 131.1                        | 5 600*                       | 61.6                      | 132.5                        | 5 600*                       | 63.9                      | 133.6                        | 5 600*                       | 50.0                        |
| 52.0                        | 55.9                      | 128.6                        | 4 500*                       | 57.6                      | 129.8                        | 5 500*                       | 60.0                      | 131.4                        | 5 600*                       | 62.4                      | 132.6                        | 5 600*                       | 52.0                        |
| 54.0                        | 54.2                      | 127.2                        | 4 200*                       | 55.9                      | 128.5                        | 5 200*                       | 58.4                      | 130.1                        | 5 500*                       | 60.8                      | 131.5                        | 5 500*                       | 54.0                        |
| 56.0                        | 52.5                      | 125.6                        | 3 900*                       | 54.2                      | 127.0                        | 4 900*                       | 56.8                      | 128.8                        | 5 400*                       | 59.2                      | 130.3                        | 5 500*                       | 56.0                        |
| 58.0                        | 50.7                      | 124.0                        | 3 700*                       | 52.5                      | 125.5                        | 4 600*                       | 55.1                      | 127.4                        | 5 300*                       | 57.6                      | 129.0                        | 5 400*                       | 58.0                        |
| 60.0                        | 48.9                      | 122.3                        | 3 500*                       | 50.7                      | 123.9                        | 4 400*                       | 53.4                      | 126.0                        | 5 200*                       | 55.9                      | 127.7                        | 5 300*                       | 60.0                        |
| 62.0                        | 47.0                      | 120.4                        | 3 300*                       | 48.9                      | 122.1                        | 4 100*                       | 51.6                      | 124.4                        | 5 200*                       | 54.2                      | 126.2                        | 5 200*                       | 62.0                        |
| 64.0                        | 45.0                      | 118.4                        | 3 000*                       | 47.0                      | 120.3                        | 3 900*                       | 49.8                      | 122.7                        | 5 100*                       | 52.5                      | 124.7                        | 5 200*                       | 64.0                        |
| 66.0                        | 43.0                      | 116.3                        | 2 900*                       | 45.1                      | 118.3                        | 3 600*                       | 48.0                      | 120.9                        | 4 900*                       | 50.7                      | 123.1                        | 5 100*                       | 66.0                        |
| 68.0                        | 40.9                      | 114.0                        | 2 700*                       | 43.0                      | 116.2                        | 3 400*                       | 46.0                      | 119.0                        | 4 600*                       | 48.9                      | 121.3                        | 5 000*                       | 68.0                        |
| 70.0                        | 38.8                      | 111.6                        | 2 500*                       | 41.0                      | 113.9                        | 3 200*                       | 44.1                      | 117.0                        | 4 300*                       | 47.0                      | 119.5                        | 4 900*                       | 70.0                        |
| 72.0                        | 36.5                      | 108.9                        | 2 300*                       | 38.8                      | 111.5                        | 3 000*                       | 42.0                      | 114.8                        | 4 100*                       | 45.1                      | 117.5                        | 4 900*                       | 72.0                        |
| 74.0                        | 34.0                      | 106.0                        | 2 200*                       | 36.5                      | 108.8                        | 2 800*                       | 39.9                      | 112.4                        | 3 800*                       | 43.1                      | 115.4                        | 4 600*                       | 74.0                        |
| 76.0                        | 31.4                      | 102.8                        | 2 000*                       | 34.0                      | 105.9                        | 2 600*                       | 37.7                      | 109.8                        | 3 600*                       | 41.0                      | 113.1                        | 4 300*                       | 76.0                        |
| 78.0                        |                           |                              |                              | 31.4                      | 102.7                        | 2 500*                       | 35.3                      | 107.1                        | 3 400*                       | 38.8                      | 110.7                        | 4 000*                       | 78.0                        |
| 80.0                        |                           |                              |                              | 28.6                      | 99.1                         | 2 300*                       | 32.8                      | 104.0                        | 3 200*                       | 36.5                      | 108.0                        | 3 700*                       | 80.0                        |
| 82.0                        |                           |                              |                              | 25.5                      | 95.1                         | 2 200*                       | 30.1                      | 100.7                        | 3 000*                       | 34.1                      | 105.1                        | 3 400*                       | 82.0                        |
| 84.0                        |                           |                              |                              | 22.0                      | 90.4                         | 2 100*                       | 27.1                      | 96.9                         | 2 800*                       | 31.5                      | 101.9                        | 3 200*                       | 84.0                        |
| 86.0                        |                           |                              |                              | 17.8                      | 84.6                         | 2 000*                       | 23.9                      | 92.6                         | 2 700*                       | 28.6                      | 98.3                         | 2 900*                       | 86.0                        |
| 88.0                        |                           |                              |                              | 12.2                      | 76.8                         | 2 000*                       | 20.1                      | 87.4                         | 2 500*                       | 25.5                      | 94.3                         | 2 700*                       | 88.0                        |
| 90.0                        |                           |                              |                              |                           |                              |                              | 15.3                      | 80.9                         | 2 400*                       | 22.0                      | 89.6                         | 2 500*                       | 90.0                        |
| 92.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 17.8                      | 83.9                         | 2 200*                       | 92.0                        |
| 94.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 12.3                      | 76.0                         | 2 000*                       | 94.0                        |

# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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



**999 SERIES 3**

**57.9m (190 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib, 24.4m (80 Ft.) Fixed Jib**

| Fixed Jib Oper. Rad. Meters | 88 Degree Boom Angle      |                              |                              | 86 Degree Boom Angle      |                              |                              | 83 Degree Boom Angle      |                              |                              | Fixed Jib Oper. Rad. Meters |
|-----------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|-----------------------------|
|                             | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms |                             |
| 29.0                        | 74.2                      | 143.0                        | 5 300*                       |                           |                              |                              |                           |                              |                              | 29.0                        |
| 30.0                        | 73.5                      | 142.7                        | 5 300*                       |                           |                              |                              |                           |                              |                              | 30.0                        |
| 32.0                        | 72.1                      | 142.0                        | 5 200*                       |                           |                              |                              |                           |                              |                              | 32.0                        |
| 34.0                        | 70.7                      | 141.3                        | 5 200*                       | 72.1                      | 141.9                        | 6 000*                       |                           |                              |                              | 34.0                        |
| 36.0                        | 69.3                      | 140.6                        | 5 100*                       | 70.7                      | 141.2                        | 6 000*                       |                           |                              |                              | 36.0                        |
| 38.0                        | 67.8                      | 139.8                        | 5 000*                       | 69.3                      | 140.4                        | 5 900*                       |                           |                              |                              | 38.0                        |
| 40.0                        | 66.4                      | 138.9                        | 4 900*                       | 67.8                      | 139.6                        | 5 800*                       |                           |                              |                              | 40.0                        |
| 42.0                        | 64.9                      | 138.0                        | 4 900*                       | 66.4                      | 138.8                        | 5 700*                       | 68.6                      | 139.7                        | 5 800*                       | 42.0                        |
| 44.0                        | 63.4                      | 137.0                        | 4 800*                       | 64.9                      | 137.8                        | 5 700*                       | 67.1                      | 138.9                        | 5 700*                       | 44.0                        |
| 46.0                        | 61.9                      | 135.9                        | 4 700*                       | 63.4                      | 136.8                        | 5 600*                       | 65.7                      | 138.0                        | 5 700*                       | 46.0                        |
| 48.0                        | 60.4                      | 134.8                        | 4 700*                       | 61.9                      | 135.8                        | 5 500*                       | 64.2                      | 137.0                        | 5 600*                       | 48.0                        |
| 50.0                        | 58.8                      | 133.5                        | 4 600*                       | 60.4                      | 134.6                        | 5 400*                       | 62.7                      | 136.0                        | 5 500*                       | 50.0                        |
| 52.0                        | 57.3                      | 132.3                        | 4 300*                       | 58.9                      | 133.4                        | 5 300*                       | 61.2                      | 134.9                        | 5 400*                       | 52.0                        |
| 54.0                        | 55.7                      | 130.9                        | 4 100*                       | 57.3                      | 132.1                        | 5 000*                       | 59.6                      | 133.7                        | 5 400*                       | 54.0                        |
| 56.0                        | 54.0                      | 129.5                        | 3 900*                       | 55.7                      | 130.8                        | 4 800*                       | 58.1                      | 132.5                        | 5 300*                       | 56.0                        |
| 58.0                        | 52.3                      | 127.9                        | 3 600*                       | 54.0                      | 129.3                        | 4 500*                       | 56.5                      | 131.2                        | 5 300*                       | 58.0                        |
| 60.0                        | 50.6                      | 126.3                        | 3 400*                       | 52.4                      | 127.8                        | 4 300*                       | 54.9                      | 129.8                        | 5 100*                       | 60.0                        |
| 62.0                        | 48.9                      | 124.6                        | 3 200*                       | 50.6                      | 126.2                        | 4 000*                       | 53.2                      | 128.3                        | 5 100*                       | 62.0                        |
| 64.0                        | 47.1                      | 122.7                        | 3 000*                       | 48.9                      | 124.4                        | 3 800*                       | 51.5                      | 126.7                        | 5 000*                       | 64.0                        |
| 66.0                        | 45.2                      | 120.7                        | 2 800*                       | 47.1                      | 122.6                        | 3 600*                       | 49.8                      | 125.0                        | 4 800*                       | 66.0                        |
| 68.0                        | 43.3                      | 118.6                        | 2 600*                       | 45.2                      | 120.6                        | 3 400*                       | 48.0                      | 123.2                        | 4 500*                       | 68.0                        |
| 70.0                        | 41.2                      | 116.4                        | 2 500*                       | 43.3                      | 118.5                        | 3 100*                       | 46.2                      | 121.3                        | 4 300*                       | 70.0                        |
| 72.0                        | 39.2                      | 114.0                        | 2 300*                       | 41.3                      | 116.3                        | 3 000*                       | 44.3                      | 119.3                        | 4 000*                       | 72.0                        |
| 74.0                        | 37.0                      | 111.3                        | 2 100*                       | 39.2                      | 113.8                        | 2 800*                       | 42.3                      | 117.1                        | 3 800*                       | 74.0                        |
| 76.0                        | 34.7                      | 108.5                        | 1 800*                       | 37.0                      | 111.2                        | 2 600*                       | 40.2                      | 114.8                        | 3 600*                       | 76.0                        |
| 78.0                        |                           |                              |                              | 34.7                      | 108.4                        | 2 500*                       | 38.1                      | 112.3                        | 3 400*                       | 78.0                        |
| 80.0                        |                           |                              |                              | 32.2                      | 105.3                        | 2 300*                       | 35.9                      | 109.5                        | 3 200*                       | 80.0                        |
| 82.0                        |                           |                              |                              | 29.6                      | 101.8                        | 2 100*                       | 33.5                      | 106.6                        | 3 000*                       | 82.0                        |
| 84.0                        |                           |                              |                              | 26.7                      | 98.0                         | 1 900*                       | 30.9                      | 103.3                        | 2 800*                       | 84.0                        |
| 86.0                        |                           |                              |                              |                           |                              |                              | 28.2                      | 99.7                         | 2 600*                       | 86.0                        |
| 88.0                        |                           |                              |                              |                           |                              |                              | 25.2                      | 95.6                         | 2 400*                       | 88.0                        |
| 90.0                        |                           |                              |                              |                           |                              |                              | 21.7                      | 90.8                         | 2 200*                       | 90.0                        |
| 92.0                        |                           |                              |                              |                           |                              |                              | 17.6                      | 85.0                         | 2 000*                       | 92.0                        |



# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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



## 999 SERIES 3

**57.9m (190 Ft.) Boom, 64.0m (210 Ft.) Luffing Jib, 24.4m (80 Ft.) Fixed Jib**

| Fixed Jib<br>Oper.<br>Rad.<br>Meters | 88 Degree<br>Boom Angle            |                                          |                                    | 86 Degree<br>Boom Angle            |                                          |                                    | 83 Degree<br>Boom Angle            |                                          |                                    | Fixed Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|--------------------------------------|
|                                      | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms |                                      |
| 29.0                                 | 74.8                               | 146.2                                    | 5 100*                             |                                    |                                          |                                    |                                    |                                          |                                    | 29.0                                 |
| 30.0                                 | 74.1                               | 145.9                                    | 5 100*                             |                                    |                                          |                                    |                                    |                                          |                                    | 30.0                                 |
| 32.0                                 | 72.7                               | 145.2                                    | 5 000*                             |                                    |                                          |                                    |                                    |                                          |                                    | 32.0                                 |
| 34.0                                 | 71.4                               | 144.6                                    | 5 000*                             |                                    |                                          |                                    |                                    |                                          |                                    | 34.0                                 |
| 36.0                                 | 70.0                               | 143.8                                    | 4 900*                             | 71.4                               | 144.4                                    | 5 700*                             |                                    |                                          |                                    | 36.0                                 |
| 38.0                                 | 68.6                               | 143.1                                    | 4 900*                             | 70.0                               | 143.7                                    | 5 700*                             |                                    |                                          |                                    | 38.0                                 |
| 40.0                                 | 67.2                               | 142.2                                    | 4 800*                             | 68.6                               | 142.9                                    | 5 600*                             |                                    |                                          |                                    | 40.0                                 |
| 42.0                                 | 65.8                               | 141.3                                    | 4 700*                             | 67.3                               | 142.1                                    | 5 500*                             | 69.3                               | 143.0                                    | 5 600*                             | 42.0                                 |
| 44.0                                 | 64.4                               | 140.4                                    | 4 700*                             | 65.8                               | 141.2                                    | 5 500*                             | 68.0                               | 142.2                                    | 5 500*                             | 44.0                                 |
| 46.0                                 | 63.0                               | 139.3                                    | 4 600*                             | 64.4                               | 140.2                                    | 5 400*                             | 66.6                               | 141.3                                    | 5 500*                             | 46.0                                 |
| 48.0                                 | 61.5                               | 138.3                                    | 4 600*                             | 63.0                               | 139.2                                    | 5 400*                             | 65.1                               | 140.4                                    | 5 400*                             | 48.0                                 |
| 50.0                                 | 60.0                               | 137.1                                    | 4 400*                             | 61.5                               | 138.1                                    | 5 300*                             | 63.7                               | 139.4                                    | 5 400*                             | 50.0                                 |
| 52.0                                 | 58.5                               | 135.9                                    | 4 200*                             | 60.0                               | 137.0                                    | 5 100*                             | 62.3                               | 138.4                                    | 5 300*                             | 52.0                                 |
| 54.0                                 | 57.0                               | 134.6                                    | 4 000*                             | 58.5                               | 135.8                                    | 4 900*                             | 60.8                               | 137.3                                    | 5 200*                             | 54.0                                 |
| 56.0                                 | 55.4                               | 133.2                                    | 3 800*                             | 57.0                               | 134.5                                    | 4 600*                             | 59.3                               | 136.1                                    | 5 200*                             | 56.0                                 |
| 58.0                                 | 53.8                               | 131.8                                    | 3 500*                             | 55.4                               | 133.1                                    | 4 400*                             | 57.8                               | 134.8                                    | 5 200*                             | 58.0                                 |
| 60.0                                 | 52.2                               | 130.2                                    | 3 300*                             | 53.9                               | 131.7                                    | 4 200*                             | 56.2                               | 133.5                                    | 5 100*                             | 60.0                                 |
| 62.0                                 | 50.6                               | 128.6                                    | 3 100*                             | 52.2                               | 130.1                                    | 4 000*                             | 54.7                               | 132.1                                    | 5 000*                             | 62.0                                 |
| 64.0                                 | 48.9                               | 126.9                                    | 2 900*                             | 50.6                               | 128.5                                    | 3 700*                             | 53.1                               | 130.6                                    | 4 900*                             | 64.0                                 |
| 66.0                                 | 47.1                               | 125.0                                    | 2 800*                             | 48.9                               | 126.7                                    | 3 500*                             | 51.4                               | 129.0                                    | 4 700*                             | 66.0                                 |
| 68.0                                 | 45.3                               | 123.1                                    | 2 600*                             | 47.1                               | 124.9                                    | 3 300*                             | 49.7                               | 127.3                                    | 4 500*                             | 68.0                                 |
| 70.0                                 | 43.5                               | 121.0                                    | 2 300*                             | 45.3                               | 122.9                                    | 3 100*                             | 48.0                               | 125.5                                    | 4 200*                             | 70.0                                 |
| 72.0                                 | 41.5                               | 118.7                                    | 2 100*                             | 43.5                               | 120.8                                    | 2 900*                             | 46.3                               | 123.6                                    | 4 000*                             | 72.0                                 |
| 74.0                                 | 39.5                               | 116.3                                    | 1 900*                             | 41.6                               | 118.6                                    | 2 800*                             | 44.4                               | 121.6                                    | 3 800*                             | 74.0                                 |
| 76.0                                 |                                    |                                          |                                    | 39.6                               | 116.2                                    | 2 600*                             | 42.5                               | 119.4                                    | 3 600*                             | 76.0                                 |
| 78.0                                 |                                    |                                          |                                    | 37.5                               | 113.6                                    | 2 500*                             | 40.6                               | 117.1                                    | 3 400*                             | 78.0                                 |
| 80.0                                 |                                    |                                          |                                    | 35.3                               | 110.9                                    | 2 200*                             | 38.5                               | 114.7                                    | 3 200*                             | 80.0                                 |
| 82.0                                 |                                    |                                          |                                    | 32.9                               | 107.8                                    | 1 900*                             | 36.4                               | 112.0                                    | 2 900*                             | 82.0                                 |
| 84.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 34.1                               | 109.1                                    | 2 700*                             | 84.0                                 |
| 86.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 31.7                               | 105.9                                    | 2 400*                             | 86.0                                 |
| 88.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 29.1                               | 102.4                                    | 2 200*                             | 88.0                                 |
| 90.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 26.3                               | 98.5                                     | 1 900*                             | 90.0                                 |

# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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



**999 SERIES 3**

**61.0m (200 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib, 9.1m (30 Ft.) Fixed Jib**

| Fixed Jib<br>Oper.<br>Rad.<br>Meters | 88 Degree<br>Boom Angle            |                                          |                                    | 86 Degree<br>Boom Angle            |                                          |                                    | 83 Degree<br>Boom Angle            |                                          |                                    | 80 Degree<br>Boom Angle            |                                          |                                    | Fixed Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|--------------------------------------|
|                                      | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms |                                      |
| 21.3                                 | 74.6                               | 122.8                                    | 12 200*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 21.3                                 |
| 22.0                                 | 74.0                               | 122.6                                    | 12 100*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 22.0                                 |
| 24.0                                 | 72.1                               | 122.0                                    | 11 900*                            |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 24.0                                 |
| 26.0                                 | 70.1                               | 121.3                                    | 11 600*                            | 72.2                               | 121.9                                    | 14 200*                            |                                    |                                          |                                    |                                    |                                          |                                    | 26.0                                 |
| 28.0                                 | 68.1                               | 120.5                                    | 11 300*                            | 70.2                               | 121.2                                    | 13 800*                            |                                    |                                          |                                    |                                    |                                          |                                    | 28.0                                 |
| 30.0                                 | 66.1                               | 119.6                                    | 10 900*                            | 68.2                               | 120.4                                    | 13 100*                            |                                    |                                          |                                    |                                    |                                          |                                    | 30.0                                 |
| 32.0                                 | 64.0                               | 118.6                                    | 10 400*                            | 66.2                               | 119.5                                    | 12 400*                            | 69.4                               | 120.5                                    | 13 700*                            |                                    |                                          |                                    | 32.0                                 |
| 34.0                                 | 61.9                               | 117.6                                    | 9 700*                             | 64.2                               | 118.6                                    | 11 700*                            | 67.4                               | 119.7                                    | 13 500*                            |                                    |                                          |                                    | 34.0                                 |
| 36.0                                 | 59.8                               | 116.5                                    | 9 000*                             | 62.1                               | 117.5                                    | 11 000*                            | 65.4                               | 118.8                                    | 13 300*                            |                                    |                                          |                                    | 36.0                                 |
| 38.0                                 | 57.6                               | 115.2                                    | 8 400*                             | 59.9                               | 116.4                                    | 10 300*                            | 63.3                               | 117.8                                    | 12 900*                            |                                    |                                          |                                    | 38.0                                 |
| 40.0                                 | 55.4                               | 113.9                                    | 7 800*                             | 57.7                               | 115.2                                    | 9 600*                             | 61.2                               | 116.7                                    | 12 200*                            | 64.5                               | 117.9                                    | 13 300*                            | 40.0                                 |
| 42.0                                 | 53.1                               | 112.4                                    | 7 300*                             | 55.5                               | 113.8                                    | 9 000*                             | 59.0                               | 115.5                                    | 11 600*                            | 62.4                               | 116.9                                    | 13 100*                            | 42.0                                 |
| 44.0                                 | 50.7                               | 110.8                                    | 6 800*                             | 53.2                               | 112.3                                    | 8 400*                             | 56.8                               | 114.3                                    | 10 900*                            | 60.3                               | 115.7                                    | 12 800*                            | 44.0                                 |
| 46.0                                 | 48.2                               | 109.0                                    | 6 400*                             | 50.8                               | 110.7                                    | 7 800*                             | 54.6                               | 112.9                                    | 10 200*                            | 58.1                               | 114.5                                    | 12 000*                            | 46.0                                 |
| 48.0                                 | 45.7                               | 107.1                                    | 5 900*                             | 48.4                               | 109.0                                    | 7 300*                             | 52.2                               | 111.4                                    | 9 600*                             | 55.9                               | 113.2                                    | 11 200*                            | 48.0                                 |
| 50.0                                 | 43.0                               | 105.0                                    | 5 500*                             | 45.8                               | 107.1                                    | 6 800*                             | 49.8                               | 109.7                                    | 9 000*                             | 53.6                               | 111.7                                    | 10 400*                            | 50.0                                 |
| 52.0                                 | 40.1                               | 102.7                                    | 5 200*                             | 43.1                               | 105.0                                    | 6 400*                             | 47.3                               | 107.9                                    | 8 400*                             | 51.2                               | 110.2                                    | 9 700*                             | 52.0                                 |
| 54.0                                 | 37.1                               | 100.2                                    | 4 800*                             | 40.3                               | 102.7                                    | 6 000*                             | 44.7                               | 105.9                                    | 7 800*                             | 48.8                               | 108.4                                    | 9 100*                             | 54.0                                 |
| 56.0                                 | 33.9                               | 97.3                                     | 4 500*                             | 37.3                               | 100.2                                    | 5 600*                             | 42.0                               | 103.8                                    | 7 300*                             | 46.2                               | 106.6                                    | 8 500*                             | 56.0                                 |
| 58.0                                 | 30.3                               | 94.0                                     | 4 300*                             | 34.1                               | 97.3                                     | 5 200*                             | 39.1                               | 101.4                                    | 6 900*                             | 43.6                               | 104.5                                    | 8 000*                             | 58.0                                 |
| 60.0                                 | 26.4                               | 90.2                                     | 4 100*                             | 30.6                               | 94.1                                     | 4 900*                             | 36.0                               | 98.7                                     | 6 400*                             | 40.8                               | 102.3                                    | 7 400*                             | 60.0                                 |
| 62.0                                 | 21.7                               | 85.6                                     | 3 900*                             | 26.6                               | 90.3                                     | 4 600*                             | 32.7                               | 95.7                                     | 6 000*                             | 37.8                               | 99.8                                     | 7 000*                             | 62.0                                 |
| 64.0                                 | 15.7                               | 79.5                                     | 3 800*                             | 22.0                               | 85.8                                     | 4 400*                             | 29.0                               | 92.3                                     | 5 700*                             | 34.6                               | 97.0                                     | 6 500*                             | 64.0                                 |
| 66.0                                 |                                    |                                          |                                    | 16.1                               | 79.8                                     | 4 300*                             | 24.8                               | 88.2                                     | 5 300*                             | 31.2                               | 93.8                                     | 6 100*                             | 66.0                                 |
| 68.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 19.8                               | 83.2                                     | 5 100*                             | 27.3                               | 90.1                                     | 5 700*                             | 68.0                                 |
| 70.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 13.0                               | 76.1                                     | 4 900*                             | 22.8                               | 85.7                                     | 5 300*                             | 70.0                                 |
| 72.0                                 |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 17.2                               | 80.1                                     | 5 000*                             | 72.0                                 |



# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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

## 999 SERIES 3

**61.0m (200 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib, 12.2m (40 Ft.) Fixed Jib**

| Fixed Jib Oper. Rad. Meters | 88 Degree Boom Angle      |                              |                              | 86 Degree Boom Angle      |                              |                              | 83 Degree Boom Angle      |                              |                              | 80 Degree Boom Angle      |                              |                              | Fixed Jib Oper. Rad. Meters |
|-----------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|-----------------------------|
|                             | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms |                             |
| 22.9                        | 74.4                      | 125.5                        | 10 900*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 22.9                        |
| 24.0                        | 73.4                      | 125.1                        | 10 800*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 24.0                        |
| 26.0                        | 71.5                      | 124.5                        | 10 600*                      |                           |                              |                              |                           |                              |                              |                           |                              |                              | 26.0                        |
| 28.0                        | 69.6                      | 123.7                        | 10 400*                      | 71.6                      | 124.4                        | 12 500*                      |                           |                              |                              |                           |                              |                              | 28.0                        |
| 30.0                        | 67.7                      | 122.9                        | 10 100*                      | 69.7                      | 123.6                        | 12 300*                      |                           |                              |                              |                           |                              |                              | 30.0                        |
| 32.0                        | 65.8                      | 122.0                        | 9 700*                       | 67.8                      | 122.8                        | 11 700*                      |                           |                              |                              |                           |                              |                              | 32.0                        |
| 34.0                        | 63.8                      | 121.0                        | 9 300*                       | 65.9                      | 121.9                        | 11 100*                      | 69.0                      | 123.0                        | 12 300*                      |                           |                              |                              | 34.0                        |
| 36.0                        | 61.8                      | 119.9                        | 8 600*                       | 63.9                      | 120.9                        | 10 500*                      | 67.0                      | 122.1                        | 12 200*                      |                           |                              |                              | 36.0                        |
| 38.0                        | 59.7                      | 118.8                        | 8 100*                       | 61.9                      | 119.9                        | 9 800*                       | 65.1                      | 121.2                        | 12 100*                      |                           |                              |                              | 38.0                        |
| 40.0                        | 57.7                      | 117.5                        | 7 500*                       | 59.9                      | 118.7                        | 9 200*                       | 63.1                      | 120.2                        | 11 600*                      | 66.2                      | 121.2                        | 12 000*                      | 40.0                        |
| 42.0                        | 55.5                      | 116.1                        | 7 000*                       | 57.8                      | 117.5                        | 8 600*                       | 61.1                      | 119.1                        | 11 000*                      | 64.2                      | 120.3                        | 12 000*                      | 42.0                        |
| 44.0                        | 53.3                      | 114.6                        | 6 500*                       | 55.6                      | 116.1                        | 8 100*                       | 59.0                      | 117.9                        | 10 400*                      | 62.2                      | 119.2                        | 11 900*                      | 44.0                        |
| 46.0                        | 51.0                      | 113.0                        | 6 100*                       | 53.4                      | 114.6                        | 7 500*                       | 56.9                      | 116.6                        | 9 800*                       | 60.2                      | 118.1                        | 11 800*                      | 46.0                        |
| 48.0                        | 48.7                      | 111.3                        | 5 700*                       | 51.2                      | 113.0                        | 7 000*                       | 54.7                      | 115.1                        | 9 200*                       | 58.1                      | 116.8                        | 11 300*                      | 48.0                        |
| 50.0                        | 46.2                      | 109.4                        | 5 300*                       | 48.8                      | 111.3                        | 6 600*                       | 52.5                      | 113.6                        | 8 700*                       | 56.0                      | 115.5                        | 10 500*                      | 50.0                        |
| 52.0                        | 43.7                      | 107.3                        | 5 000*                       | 46.4                      | 109.4                        | 6 100*                       | 50.2                      | 112.0                        | 8 100*                       | 53.8                      | 114.0                        | 9 800*                       | 52.0                        |
| 54.0                        | 41.0                      | 105.0                        | 4 600*                       | 43.9                      | 107.3                        | 5 700*                       | 47.8                      | 110.2                        | 7 600*                       | 51.6                      | 112.4                        | 9 100*                       | 54.0                        |
| 56.0                        | 38.2                      | 102.5                        | 4 300*                       | 41.2                      | 105.0                        | 5 300*                       | 45.4                      | 108.2                        | 7 100*                       | 49.2                      | 110.7                        | 8 500*                       | 56.0                        |
| 58.0                        | 35.1                      | 99.7                         | 4 100*                       | 38.4                      | 102.5                        | 5 000*                       | 42.8                      | 106.1                        | 6 600*                       | 46.8                      | 108.8                        | 8 000*                       | 58.0                        |
| 60.0                        | 31.9                      | 96.6                         | 3 800*                       | 35.3                      | 99.8                         | 4 700*                       | 40.0                      | 103.7                        | 6 200*                       | 44.3                      | 106.8                        | 7 500*                       | 60.0                        |
| 62.0                        | 28.2                      | 93.0                         | 3 600*                       | 32.1                      | 96.7                         | 4 400*                       | 37.1                      | 101.1                        | 5 800*                       | 41.6                      | 104.6                        | 7 000*                       | 62.0                        |
| 64.0                        | 24.0                      | 88.7                         | 3 400*                       | 28.4                      | 93.1                         | 4 100*                       | 34.0                      | 98.2                         | 5 400*                       | 38.8                      | 102.1                        | 6 600*                       | 64.0                        |
| 66.0                        | 19.0                      | 83.3                         | 3 300*                       | 24.3                      | 88.9                         | 3 900*                       | 30.6                      | 94.9                         | 5 100*                       | 35.8                      | 99.4                         | 6 200*                       | 66.0                        |
| 68.0                        | 11.9                      | 75.5                         | 3 300*                       | 19.3                      | 83.6                         | 3 700*                       | 26.8                      | 91.1                         | 4 700*                       | 32.6                      | 96.3                         | 5 700*                       | 68.0                        |
| 70.0                        |                           |                              |                              | 12.4                      | 76.0                         | 3 600*                       | 22.4                      | 86.5                         | 4 500*                       | 29.1                      | 92.9                         | 5 400*                       | 70.0                        |
| 72.0                        |                           |                              |                              |                           |                              |                              | 16.8                      | 80.6                         | 4 300*                       | 25.0                      | 88.8                         | 5 000*                       | 72.0                        |
| 74.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 20.2                      | 83.7                         | 4 700*                       | 74.0                        |
| 76.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 13.8                      | 76.7                         | 4 300*                       | 76.0                        |

# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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



## 999 SERIES 3

**61.0m (200 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib, 15.2m (50 Ft.) Fixed Jib**

| Fixed Jib<br>Oper.<br>Rad.<br>Meters | 88 Degree<br>Boom Angle            |                                          |                                    | 86 Degree<br>Boom Angle            |                                          |                                    | 83 Degree<br>Boom Angle            |                                          |                                    | 80 Degree<br>Boom Angle            |                                          |                                    | Fixed Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|--------------------------------------|
|                                      | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms |                                      |
| 24.4                                 | 74.3                               | 128.3                                    | 9 900*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 24.4                                 |
| 26.0                                 | 72.9                               | 127.8                                    | 9 600*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 26.0                                 |
| 28.0                                 | 71.1                               | 127.1                                    | 9 500*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 28.0                                 |
| 30.0                                 | 69.3                               | 126.3                                    | 9 300*                             | 71.2                               | 127.0                                    | 11 100*                            |                                    |                                          |                                    |                                    |                                          |                                    | 30.0                                 |
| 32.0                                 | 67.4                               | 125.5                                    | 9 100*                             | 69.4                               | 126.2                                    | 11 000*                            |                                    |                                          |                                    |                                    |                                          |                                    | 32.0                                 |
| 34.0                                 | 65.6                               | 124.5                                    | 8 900*                             | 67.6                               | 125.4                                    | 10 700*                            |                                    |                                          |                                    |                                    |                                          |                                    | 34.0                                 |
| 36.0                                 | 63.7                               | 123.5                                    | 8 500*                             | 65.7                               | 124.5                                    | 10 100*                            | 68.6                               | 125.5                                    | 10 900*                            |                                    |                                          |                                    | 36.0                                 |
| 38.0                                 | 61.8                               | 122.5                                    | 7 900*                             | 63.8                               | 123.5                                    | 9 600*                             | 66.8                               | 124.7                                    | 10 900*                            |                                    |                                          |                                    | 38.0                                 |
| 40.0                                 | 59.8                               | 121.3                                    | 7 400*                             | 61.9                               | 122.4                                    | 9 000*                             | 64.9                               | 123.7                                    | 10 800*                            |                                    |                                          |                                    | 40.0                                 |
| 42.0                                 | 57.8                               | 120.0                                    | 6 900*                             | 59.9                               | 121.2                                    | 8 500*                             | 63.0                               | 122.7                                    | 10 600*                            | 66.0                               | 123.8                                    | 10 700*                            | 42.0                                 |
| 44.0                                 | 55.8                               | 118.6                                    | 6 500*                             | 57.9                               | 120.0                                    | 7 900*                             | 61.1                               | 121.6                                    | 10 100*                            | 64.1                               | 122.8                                    | 10 700*                            | 44.0                                 |
| 46.0                                 | 53.7                               | 117.2                                    | 6 000*                             | 55.9                               | 118.6                                    | 7 500*                             | 59.1                               | 120.4                                    | 9 600*                             | 62.2                               | 121.7                                    | 10 600*                            | 46.0                                 |
| 48.0                                 | 51.5                               | 115.6                                    | 5 600*                             | 53.8                               | 117.1                                    | 6 900*                             | 57.1                               | 119.1                                    | 9 000*                             | 60.3                               | 120.6                                    | 10 600*                            | 48.0                                 |
| 50.0                                 | 49.3                               | 113.8                                    | 5 300*                             | 51.6                               | 115.5                                    | 6 500*                             | 55.0                               | 117.7                                    | 8 500*                             | 58.3                               | 119.3                                    | 10 500*                            | 50.0                                 |
| 52.0                                 | 46.9                               | 112.0                                    | 4 900*                             | 49.4                               | 113.8                                    | 6 100*                             | 52.9                               | 116.1                                    | 8 000*                             | 56.2                               | 118.0                                    | 9 900*                             | 52.0                                 |
| 54.0                                 | 44.5                               | 109.9                                    | 4 600*                             | 47.1                               | 111.9                                    | 5 700*                             | 50.7                               | 114.5                                    | 7 500*                             | 54.1                               | 116.5                                    | 9 300*                             | 54.0                                 |
| 56.0                                 | 42.0                               | 107.7                                    | 4 300*                             | 44.7                               | 109.9                                    | 5 300*                             | 48.5                               | 112.7                                    | 7 000*                             | 52.0                               | 114.9                                    | 8 700*                             | 56.0                                 |
| 58.0                                 | 39.4                               | 105.3                                    | 4 000*                             | 42.2                               | 107.7                                    | 4 900*                             | 46.1                               | 110.8                                    | 6 600*                             | 49.8                               | 113.2                                    | 8 100*                             | 58.0                                 |
| 60.0                                 | 36.5                               | 102.6                                    | 3 700*                             | 39.5                               | 105.3                                    | 4 600*                             | 43.7                               | 108.7                                    | 6 200*                             | 47.5                               | 111.4                                    | 7 600*                             | 60.0                                 |
| 62.0                                 | 33.5                               | 99.6                                     | 3 500*                             | 36.7                               | 102.6                                    | 4 300*                             | 41.1                               | 106.4                                    | 5 800*                             | 45.1                               | 109.4                                    | 7 100*                             | 62.0                                 |
| 64.0                                 | 30.2                               | 96.2                                     | 3 300*                             | 33.7                               | 99.7                                     | 4 000*                             | 38.4                               | 103.9                                    | 5 400*                             | 42.6                               | 107.2                                    | 6 700*                             | 64.0                                 |
| 66.0                                 | 26.5                               | 92.3                                     | 3 100*                             | 30.4                               | 96.3                                     | 3 800*                             | 35.5                               | 101.1                                    | 5 000*                             | 40.0                               | 104.8                                    | 6 200*                             | 66.0                                 |
| 68.0                                 | 22.2                               | 87.6                                     | 3 000*                             | 26.7                               | 92.4                                     | 3 600*                             | 32.4                               | 98.0                                     | 4 700*                             | 37.2                               | 102.2                                    | 5 900*                             | 68.0                                 |
| 70.0                                 | 16.7                               | 81.5                                     | 2 900*                             | 22.4                               | 87.8                                     | 3 400*                             | 28.9                               | 94.4                                     | 4 400*                             | 34.2                               | 99.3                                     | 5 500*                             | 70.0                                 |
| 72.0                                 |                                    |                                          |                                    | 17.1                               | 81.8                                     | 3 300*                             | 25.0                               | 90.3                                     | 4 200*                             | 30.9                               | 96.0                                     | 5 100*                             | 72.0                                 |
| 74.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 20.4                               | 85.2                                     | 4 000*                             | 27.3                               | 92.2                                     | 4 800*                             | 74.0                                 |
| 76.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 14.3                               | 78.3                                     | 3 800*                             | 23.2                               | 87.8                                     | 4 400*                             | 76.0                                 |
| 78.0                                 |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 18.1                               | 82.1                                     | 4 100*                             | 78.0                                 |
| 80.0                                 |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 10.7                               | 73.5                                     | 3 800*                             | 80.0                                 |



# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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

## 999 SERIES 3

**61.0m (200 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib, 18.3m (60 Ft.) Fixed Jib**

| Fixed Jib Oper. Rad. Meters | 88 Degree Boom Angle      |                              |                              | 86 Degree Boom Angle      |                              |                              | 83 Degree Boom Angle      |                              |                              | 80 Degree Boom Angle      |                              |                              | Fixed Jib Oper. Rad. Meters |
|-----------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|-----------------------------|
|                             | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms |                             |
| 25.9                        | 73.8                      | 131.0                        | 8 400*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 25.9                        |
| 26.0                        | 73.7                      | 131.0                        | 8 400*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 26.0                        |
| 28.0                        | 72.0                      | 130.3                        | 8 300*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 28.0                        |
| 30.0                        | 70.3                      | 129.6                        | 8 200*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 30.0                        |
| 32.0                        | 68.5                      | 128.8                        | 8 100*                       | 70.4                      | 129.5                        | 9 600*                       |                           |                              |                              |                           |                              |                              | 32.0                        |
| 34.0                        | 66.8                      | 127.9                        | 8 000*                       | 68.6                      | 128.7                        | 9 500*                       |                           |                              |                              |                           |                              |                              | 34.0                        |
| 36.0                        | 65.0                      | 127.0                        | 7 800*                       | 66.9                      | 127.8                        | 9 400*                       |                           |                              |                              |                           |                              |                              | 36.0                        |
| 38.0                        | 63.2                      | 125.9                        | 7 600*                       | 65.1                      | 126.9                        | 9 100*                       | 67.9                      | 128.0                        | 9 400*                       |                           |                              |                              | 38.0                        |
| 40.0                        | 61.3                      | 124.8                        | 7 100*                       | 63.3                      | 125.9                        | 8 600*                       | 66.2                      | 127.1                        | 9 400*                       |                           |                              |                              | 40.0                        |
| 42.0                        | 59.4                      | 123.6                        | 6 700*                       | 61.4                      | 124.8                        | 8 100*                       | 64.4                      | 126.1                        | 9 300*                       |                           |                              |                              | 42.0                        |
| 44.0                        | 57.5                      | 122.4                        | 6 300*                       | 59.6                      | 123.6                        | 7 600*                       | 62.5                      | 125.1                        | 9 300*                       | 65.4                      | 126.2                        | 9 200*                       | 44.0                        |
| 46.0                        | 55.6                      | 121.0                        | 5 800*                       | 57.6                      | 122.3                        | 7 200*                       | 60.7                      | 123.9                        | 9 100*                       | 63.6                      | 125.2                        | 9 200*                       | 46.0                        |
| 48.0                        | 53.5                      | 119.5                        | 5 400*                       | 55.7                      | 120.9                        | 6 700*                       | 58.8                      | 122.7                        | 8 700*                       | 61.7                      | 124.1                        | 9 200*                       | 48.0                        |
| 50.0                        | 51.5                      | 117.9                        | 5 100*                       | 53.7                      | 119.4                        | 6 300*                       | 56.8                      | 121.4                        | 8 200*                       | 59.9                      | 122.9                        | 9 200*                       | 50.0                        |
| 52.0                        | 49.3                      | 116.1                        | 4 700*                       | 51.6                      | 117.8                        | 5 900*                       | 54.9                      | 120.0                        | 7 800*                       | 58.0                      | 121.7                        | 9 100*                       | 52.0                        |
| 54.0                        | 47.1                      | 114.3                        | 4 400*                       | 49.5                      | 116.1                        | 5 500*                       | 52.8                      | 118.4                        | 7 300*                       | 56.0                      | 120.3                        | 9 000*                       | 54.0                        |
| 56.0                        | 44.8                      | 112.3                        | 4 100*                       | 47.3                      | 114.3                        | 5 100*                       | 50.7                      | 116.8                        | 6 900*                       | 54.0                      | 118.8                        | 8 500*                       | 56.0                        |
| 58.0                        | 42.4                      | 110.1                        | 3 800*                       | 45.0                      | 112.2                        | 4 800*                       | 48.6                      | 115.0                        | 6 400*                       | 51.9                      | 117.3                        | 8 100*                       | 58.0                        |
| 60.0                        | 39.9                      | 107.7                        | 3 600*                       | 42.6                      | 110.1                        | 4 500*                       | 46.3                      | 113.1                        | 6 000*                       | 49.8                      | 115.6                        | 7 600*                       | 60.0                        |
| 62.0                        | 37.2                      | 105.0                        | 3 400*                       | 40.1                      | 107.7                        | 4 200*                       | 44.0                      | 111.0                        | 5 600*                       | 47.6                      | 113.7                        | 7 100*                       | 62.0                        |
| 64.0                        | 34.4                      | 102.1                        | 3 100*                       | 37.4                      | 105.1                        | 3 900*                       | 41.6                      | 108.8                        | 5 300*                       | 45.3                      | 111.7                        | 6 700*                       | 64.0                        |
| 66.0                        | 31.3                      | 98.9                         | 2 900*                       | 34.6                      | 102.2                        | 3 700*                       | 39.0                      | 106.3                        | 4 900*                       | 43.0                      | 109.6                        | 6 200*                       | 66.0                        |
| 68.0                        | 27.9                      | 95.2                         | 2 800*                       | 31.5                      | 99.0                         | 3 400*                       | 36.3                      | 103.6                        | 4 600*                       | 40.5                      | 107.2                        | 5 900*                       | 68.0                        |
| 70.0                        | 24.0                      | 90.8                         | 2 600*                       | 28.1                      | 95.3                         | 3 200*                       | 33.3                      | 100.6                        | 4 300*                       | 37.8                      | 104.7                        | 5 500*                       | 70.0                        |
| 72.0                        | 19.4                      | 85.5                         | 2 500*                       | 24.3                      | 91.0                         | 3 000*                       | 30.1                      | 97.2                         | 4 000*                       | 35.0                      | 101.8                        | 5 100*                       | 72.0                        |
| 74.0                        |                           | 78.0                         |                              | 19.7                      | 85.7                         | 2 900*                       | 26.6                      | 93.3                         | 3 800*                       | 32.0                      | 98.7                         | 4 800*                       | 74.0                        |
| 76.0                        |                           |                              |                              | 13.6                      | 78.5                         | 2 800*                       | 22.5                      | 88.6                         | 3 600*                       | 28.7                      | 95.1                         | 4 500*                       | 76.0                        |
| 78.0                        |                           |                              |                              |                           |                              |                              | 17.5                      | 82.7                         | 3 400*                       | 24.9                      | 90.9                         | 4 200*                       | 78.0                        |
| 80.0                        |                           |                              |                              |                           |                              |                              | 10.0                      | 73.7                         | 3 300*                       | 20.5                      | 85.8                         | 3 900*                       | 80.0                        |
| 82.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 14.8                      | 79.0                         | 3 600*                       | 82.0                        |

# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

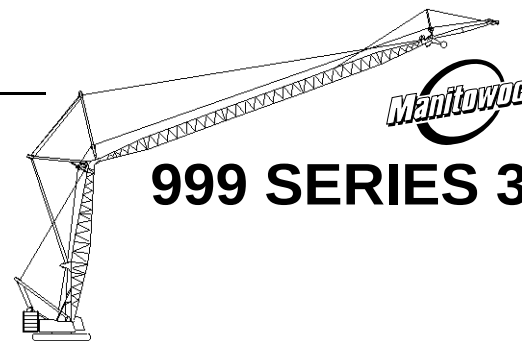
Designed And Tested  
With The Intent To  
Be In The Scope of  
ANSI B30.5



## 999 SERIES 3

**61.0m (200 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib, 21.3m (70 Ft.) Fixed Jib**

| Fixed Jib<br>Oper.<br>Rad.<br>Meters | 88 Degree<br>Boom Angle            |                                          |                                    | 86 Degree<br>Boom Angle            |                                          |                                    | 83 Degree<br>Boom Angle            |                                          |                                    | 80 Degree<br>Boom Angle            |                                          |                                    | Fixed Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|------------------------------------|------------------------------------------|------------------------------------|--------------------------------------|
|                                      | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms | Luffing<br>Jib<br>Angle<br>Degrees | Fixed<br>Jib<br>Point<br>Elev.<br>Meters | Fixed Jib<br>Capacity<br>Kilograms |                                      |
| 25.9                                 | 74.4                               | 134.2                                    | 7 100*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 25.9                                 |
| 26.0                                 | 74.3                               | 134.2                                    | 7 100*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 26.0                                 |
| 28.0                                 | 72.7                               | 133.6                                    | 7 000*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 28.0                                 |
| 30.0                                 | 71.0                               | 132.9                                    | 6 900*                             |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 30.0                                 |
| 32.0                                 | 69.4                               | 132.1                                    | 6 800*                             | 71.1                               | 132.8                                    | 8 000*                             |                                    |                                          |                                    |                                    |                                          |                                    | 32.0                                 |
| 34.0                                 | 67.7                               | 131.3                                    | 6 700*                             | 69.5                               | 132.0                                    | 8 000*                             |                                    |                                          |                                    |                                    |                                          |                                    | 34.0                                 |
| 36.0                                 | 66.0                               | 130.4                                    | 6 700*                             | 67.8                               | 131.2                                    | 7 900*                             |                                    |                                          |                                    |                                    |                                          |                                    | 36.0                                 |
| 38.0                                 | 64.3                               | 129.4                                    | 6 500*                             | 66.1                               | 130.3                                    | 7 800*                             | 68.8                               | 131.3                                    | 7 800*                             |                                    |                                          |                                    | 38.0                                 |
| 40.0                                 | 62.5                               | 128.4                                    | 6 500*                             | 64.4                               | 129.3                                    | 7 600*                             | 67.1                               | 130.5                                    | 7 700*                             |                                    |                                          |                                    | 40.0                                 |
| 42.0                                 | 60.7                               | 127.2                                    | 6 300*                             | 62.6                               | 128.3                                    | 7 500*                             | 65.4                               | 129.6                                    | 7 700*                             |                                    |                                          |                                    | 42.0                                 |
| 44.0                                 | 58.9                               | 126.0                                    | 6 000*                             | 60.8                               | 127.2                                    | 7 300*                             | 63.7                               | 128.6                                    | 7 600*                             |                                    |                                          |                                    | 44.0                                 |
| 46.0                                 | 57.1                               | 124.7                                    | 5 700*                             | 59.0                               | 126.0                                    | 6 900*                             | 61.9                               | 127.5                                    | 7 500*                             | 64.7                               | 128.6                                    | 7 500*                             | 46.0                                 |
| 48.0                                 | 55.2                               | 123.3                                    | 5 300*                             | 57.2                               | 124.7                                    | 6 500*                             | 60.1                               | 126.3                                    | 7 400*                             | 62.9                               | 127.6                                    | 7 500*                             | 48.0                                 |
| 50.0                                 | 53.3                               | 121.8                                    | 4 900*                             | 55.3                               | 123.3                                    | 6 100*                             | 58.3                               | 125.1                                    | 7 300*                             | 61.1                               | 126.5                                    | 7 400*                             | 50.0                                 |
| 52.0                                 | 51.3                               | 120.2                                    | 4 600*                             | 53.4                               | 121.8                                    | 5 700*                             | 56.4                               | 123.7                                    | 7 200*                             | 59.3                               | 125.3                                    | 7 300*                             | 52.0                                 |
| 54.0                                 | 49.2                               | 118.5                                    | 4 300*                             | 51.4                               | 120.2                                    | 5 400*                             | 54.5                               | 122.3                                    | 7 100*                             | 57.5                               | 124.0                                    | 7 200*                             | 54.0                                 |
| 56.0                                 | 47.1                               | 116.6                                    | 4 000*                             | 49.3                               | 118.4                                    | 5 000*                             | 52.6                               | 120.8                                    | 6 700*                             | 55.6                               | 122.6                                    | 7 100*                             | 56.0                                 |
| 58.0                                 | 44.9                               | 114.6                                    | 3 700*                             | 47.2                               | 116.6                                    | 4 700*                             | 50.5                               | 119.1                                    | 6 300*                             | 53.7                               | 121.2                                    | 7 100*                             | 58.0                                 |
| 60.0                                 | 42.6                               | 112.4                                    | 3 500*                             | 45.0                               | 114.6                                    | 4 400*                             | 48.5                               | 117.4                                    | 5 900*                             | 51.7                               | 119.6                                    | 7 000*                             | 60.0                                 |
| 62.0                                 | 40.2                               | 110.1                                    | 3 300*                             | 42.8                               | 112.4                                    | 4 100*                             | 46.3                               | 115.4                                    | 5 500*                             | 49.7                               | 117.9                                    | 6 800*                             | 62.0                                 |
| 64.0                                 | 37.7                               | 107.5                                    | 3 000*                             | 40.4                               | 110.1                                    | 3 800*                             | 44.1                               | 113.4                                    | 5 200*                             | 47.6                               | 116.1                                    | 6 500*                             | 64.0                                 |
| 66.0                                 | 35.0                               | 104.7                                    | 2 900*                             | 37.9                               | 107.5                                    | 3 600*                             | 41.8                               | 111.1                                    | 4 800*                             | 45.4                               | 114.1                                    | 6 200*                             | 66.0                                 |
| 68.0                                 | 32.1                               | 101.5                                    | 2 700*                             | 35.2                               | 104.7                                    | 3 300*                             | 39.4                               | 108.7                                    | 4 500*                             | 43.1                               | 111.9                                    | 5 900*                             | 68.0                                 |
| 70.0                                 | 29.0                               | 98.0                                     | 2 500*                             | 32.3                               | 101.6                                    | 3 100*                             | 36.8                               | 106.1                                    | 4 200*                             | 40.8                               | 109.6                                    | 5 500*                             | 70.0                                 |
| 72.0                                 | 25.5                               | 93.9                                     | 2 400*                             | 29.2                               | 98.1                                     | 2 900*                             | 34.0                               | 103.1                                    | 3 900*                             | 38.3                               | 107.1                                    | 5 200*                             | 72.0                                 |
| 74.0                                 | 21.4                               | 89.1                                     | 2 300*                             | 25.7                               | 94.1                                     | 2 800*                             | 31.1                               | 99.9                                     | 3 700*                             | 35.6                               | 104.3                                    | 4 900*                             | 74.0                                 |
| 76.0                                 | 16.3                               | 82.8                                     | 2 200*                             | 21.7                               | 89.2                                     | 2 600*                             | 27.8                               | 96.2                                     | 3 500*                             | 32.8                               | 101.3                                    | 4 600*                             | 76.0                                 |
| 78.0                                 |                                    |                                          |                                    | 16.7                               | 83.1                                     | 2 500*                             | 24.1                               | 91.8                                     | 3 200*                             | 29.7                               | 97.8                                     | 4 300*                             | 78.0                                 |
| 80.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 19.8                               | 86.6                                     | 3 100*                             | 26.3                               | 93.9                                     | 4 000*                             | 80.0                                 |
| 82.0                                 |                                    |                                          |                                    |                                    |                                          |                                    | 14.1                               | 79.5                                     | 2 900*                             | 22.4                               | 89.2                                     | 3 700*                             | 82.0                                 |
| 84.0                                 |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 17.6                               | 83.4                                     | 3 400*                             | 84.0                                 |
| 86.0                                 |                                    |                                          |                                    |                                    |                                          |                                    |                                    |                                          |                                    | 10.7                               | 74.8                                     | 3 100*                             | 86.0                                 |



# Liftcrane Fixed Jib Capacities

Fixed Jib No. 134 At  
5 Degree Offset Angle On  
Luffing Jib No. 149 On  
Boom No. 82  
99 610 kg Crane Counterweight  
36 290 kg Carbody Counterweight  
360 Degree Rating

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

## 61.0m (200 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib, 24.4m (80 Ft.) Fixed Jib

| Fixed Jib Oper. Rad. Meters | 88 Degree Boom Angle      |                              |                              | 86 Degree Boom Angle      |                              |                              | 83 Degree Boom Angle      |                              |                              | 80 Degree Boom Angle      |                              |                              | Fixed Jib Oper. Rad. Meters |
|-----------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|---------------------------|------------------------------|------------------------------|-----------------------------|
|                             | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms | Luffing Jib Angle Degrees | Fixed Jib Point Elev. Meters | Fixed Jib Capacity Kilograms |                             |
| 25.9                        | 74.7                      | 137.4                        | 5 800*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 25.9                        |
| 26.0                        | 74.7                      | 137.4                        | 5 800*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 26.0                        |
| 28.0                        | 73.1                      | 136.8                        | 5 700*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 28.0                        |
| 30.0                        | 71.5                      | 136.1                        | 5 600*                       |                           |                              |                              |                           |                              |                              |                           |                              |                              | 30.0                        |
| 32.0                        | 70.0                      | 135.4                        | 5 500*                       | 71.6                      | 136.0                        | 6 500*                       |                           |                              |                              |                           |                              |                              | 32.0                        |
| 34.0                        | 68.4                      | 134.6                        | 5 500*                       | 70.1                      | 135.3                        | 6 400*                       |                           |                              |                              |                           |                              |                              | 34.0                        |
| 36.0                        | 66.7                      | 133.8                        | 5 400*                       | 68.5                      | 134.5                        | 6 300*                       |                           |                              |                              |                           |                              |                              | 36.0                        |
| 38.0                        | 65.1                      | 132.8                        | 5 300*                       | 66.8                      | 133.7                        | 6 200*                       |                           |                              |                              |                           |                              |                              | 38.0                        |
| 40.0                        | 63.4                      | 131.8                        | 5 200*                       | 65.2                      | 132.8                        | 6 100*                       | 67.8                      | 133.8                        | 6 200*                       |                           |                              |                              | 40.0                        |
| 42.0                        | 61.8                      | 130.8                        | 5 100*                       | 63.5                      | 131.8                        | 6 000*                       | 66.2                      | 133.0                        | 6 100*                       |                           |                              |                              | 42.0                        |
| 44.0                        | 60.0                      | 129.6                        | 5 000*                       | 61.9                      | 130.7                        | 5 900*                       | 64.5                      | 132.0                        | 6 000*                       |                           |                              |                              | 44.0                        |
| 46.0                        | 58.3                      | 128.4                        | 5 000*                       | 60.1                      | 129.5                        | 5 800*                       | 62.9                      | 131.0                        | 5 900*                       | 65.5                      | 132.1                        | 6 000*                       | 46.0                        |
| 48.0                        | 56.5                      | 127.1                        | 4 900*                       | 58.4                      | 128.3                        | 5 700*                       | 61.2                      | 129.9                        | 5 800*                       | 63.8                      | 131.1                        | 5 900*                       | 48.0                        |
| 50.0                        | 54.7                      | 125.6                        | 4 700*                       | 56.6                      | 127.0                        | 5 600*                       | 59.4                      | 128.7                        | 5 700*                       | 62.1                      | 130.0                        | 5 800*                       | 50.0                        |
| 52.0                        | 52.8                      | 124.1                        | 4 500*                       | 54.8                      | 125.6                        | 5 500*                       | 57.7                      | 127.4                        | 5 700*                       | 60.4                      | 128.9                        | 5 700*                       | 52.0                        |
| 54.0                        | 50.9                      | 122.5                        | 4 200*                       | 52.9                      | 124.1                        | 5 200*                       | 55.9                      | 126.1                        | 5 500*                       | 58.7                      | 127.7                        | 5 600*                       | 54.0                        |
| 56.0                        | 49.0                      | 120.8                        | 3 900*                       | 51.0                      | 122.5                        | 4 900*                       | 54.0                      | 124.7                        | 5 500*                       | 56.9                      | 126.4                        | 5 600*                       | 56.0                        |
| 58.0                        | 46.9                      | 118.9                        | 3 700*                       | 49.1                      | 120.8                        | 4 600*                       | 52.2                      | 123.1                        | 5 400*                       | 55.1                      | 125.0                        | 5 500*                       | 58.0                        |
| 60.0                        | 44.8                      | 117.0                        | 3 400*                       | 47.1                      | 118.9                        | 4 300*                       | 50.2                      | 121.5                        | 5 300*                       | 53.3                      | 123.5                        | 5 400*                       | 60.0                        |
| 62.0                        | 42.6                      | 114.8                        | 3 200*                       | 45.0                      | 116.9                        | 4 000*                       | 48.2                      | 119.7                        | 5 200*                       | 51.4                      | 121.9                        | 5 300*                       | 62.0                        |
| 64.0                        | 40.4                      | 112.5                        | 2 900*                       | 42.8                      | 114.8                        | 3 700*                       | 46.2                      | 117.8                        | 5 000*                       | 49.4                      | 120.2                        | 5 200*                       | 64.0                        |
| 66.0                        | 38.0                      | 110.0                        | 2 800*                       | 40.5                      | 112.5                        | 3 500*                       | 44.1                      | 115.7                        | 4 700*                       | 47.4                      | 118.4                        | 5 200*                       | 66.0                        |
| 68.0                        | 35.4                      | 107.2                        | 2 600*                       | 38.1                      | 110.0                        | 3 200*                       | 41.9                      | 113.5                        | 4 400*                       | 45.3                      | 116.4                        | 5 100*                       | 68.0                        |
| 70.0                        | 32.7                      | 104.1                        | 2 400*                       | 35.6                      | 107.2                        | 3 000*                       | 39.5                      | 111.1                        | 4 100*                       | 43.1                      | 114.3                        | 5 000*                       | 70.0                        |
| 72.0                        | 29.8                      | 100.7                        | 2 200*                       | 32.9                      | 104.2                        | 2 800*                       | 37.1                      | 108.5                        | 3 900*                       | 40.9                      | 112.0                        | 4 900*                       | 72.0                        |
| 74.0                        | 26.6                      | 96.9                         | 2 100*                       | 30.0                      | 100.8                        | 2 600*                       | 34.5                      | 105.7                        | 3 600*                       | 38.5                      | 109.6                        | 4 800*                       | 74.0                        |
| 76.0                        | 22.9                      | 92.4                         | 2 000*                       | 26.8                      | 97.0                         | 2 500*                       | 31.7                      | 102.5                        | 3 400*                       | 36.0                      | 106.9                        | 4 500*                       | 76.0                        |
| 78.0                        | 18.5                      | 86.9                         | 1 900*                       | 23.1                      | 92.6                         | 2 300*                       | 28.7                      | 99.0                         | 3 100*                       | 33.3                      | 103.9                        | 4 200*                       | 78.0                        |
| 80.0                        | 12.7                      | 79.3                         | 1 900*                       | 18.8                      | 87.1                         | 2 200*                       | 25.3                      | 94.9                         | 3 000*                       | 30.5                      | 100.6                        | 3 900*                       | 80.0                        |
| 82.0                        |                           |                              |                              | 13.2                      | 79.8                         | 2 100*                       | 21.5                      | 90.1                         | 2 800*                       | 27.3                      | 96.8                         | 3 700*                       | 82.0                        |
| 84.0                        |                           |                              |                              |                           |                              |                              | 16.7                      | 84.1                         | 2 700*                       | 23.8                      | 92.5                         | 3 400*                       | 84.0                        |
| 86.0                        |                           |                              |                              |                           |                              |                              | 9.8                       | 75.1                         | 2 500*                       | 19.6                      | 87.2                         | 3 200*                       | 86.0                        |
| 88.0                        |                           |                              |                              |                           |                              |                              |                           |                              |                              | 14.2                      | 80.3                         | 2 900*                       | 88.0                        |