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 for boom, luffing jib and fixed jib length combinations thru 250 Ft. and New York City criteria of 1.4 factor applied to total machine moment for boom, luffing jib and fixed jib length combinations 255 Ft. and up. Capacities based on structural competence are denoted by an asterisk (*). Weight of hooks, weight ball, slings, hoist line, etc., beneath fixed jib point sheave, is considered part of fixed jib load. Boom, luffing jib and fixed jib are not to be lowered beyond radii where combined weights are greater than rated capacity. Where no capacity is shown, operation is not intended or approved.

OPERATING CONDITIONS: Machine to operate on a firm uniformly supporting surface with bearing turntable level within a tolerance of 1/2 in. in 10 Ft. During operation, boom must be maintained at one of the selected angles shown in chart. Refer to fixed jib assembly No. 195090, luffing jib assembly No. 194529, Wire Rope Specification chart No. 9162-B and Luffing Jib Raising Procedure chart No. 9164-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. 9163-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 22 Ft. 4 in. extendible crawlers, 36 in. treads, 15 Ft. 6 in. retractable gantry, 10 part boom hoist reeving, two 1-1/4 in. boom pendants, 6 part luffing jib hoist reeving, two 1-1/4 in. luffing jib pendants, two 1-1/8 in. luffing jib backstays, 1st crane counterweight = 28,500 Lbs., 2nd crane counterweight = 10,000 Lbs., 3rd crane counterweight = 24,800 Lbs. and four 3,500 Lb. crawler frame counterweights. Maximum capacity on 7/8 in. wire rope is 20,000 Lbs. Intermediate fall cannot be used when fixed jib No. 10 is attached to luffing jib.
Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 10 Set At 7 Degree Offset Angle On
Luffing Jib No. 222 On Boom No. 260
63,300 Lb. Crane Counterweight
14,000 Lb. Crawler Frame Counterweight
22 Ft. 4 in. Crawlers Extended
360 Degree Rating

115 Ft. Boom, 100 Ft. Luffing Jib, 30 Ft. Fixed Jib

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*REFERENCE ONLY!
Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 10 Set At 7 Degree Offset Angle On
Luffing Jib No. 222 On Boom No. 260
63,300 Lb. Crane Counterweight
14,000 Lb. Crawler Frame Counterweight
22 Ft. 4 in. Crawlers Extended
360 Degree Rating

![Design and Tested](image)

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

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Liftcrane Fixed Jib Capacities

New York City Code  
Fixed Jib No. 10 Set At 7 Degree Offset Angle On  
Luffing Jib No. 222 On Boom No. 260  
63,300 Lb. Crane Counterweight  
14,000 Lb. Crawler Frame Counterweight  
22 Ft. 4 in. Crawlers Extended  
360 Degree Rating  

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

### 222 SERIES B  
### 222EX SERIES B

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*REFERENCE ONLY!*

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9171-A, 8-16-00/L  
Page 4 of 37
## Liftcrane Fixed Jib Capacities

**New York City Code**  
**Fixed Jib No. 10 Set At 7 Degree Offset Angle On**  
**Luffing Jib No. 222 On Boom No. 260**  
**63,300 Lb. Crane Counterweight**  
**14,000 Lb. Crawler Frame Counterweight**  
**22 Ft. 4 in. Crawler Extended**  
**360 Degree Rating**  

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

### 115 Ft. Boom, 130 Ft. Luffing Jib, 30 Ft. Fixed Jib

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* Reference only!
## Liftcrane Fixed Jib Capacities

New York City Code  
Fixed Jib No. 10 Set At 7 Degree Offset Angle On  
Luffing Jib No. 222 On Boom No. 260  
63,300 Lb. Crane Counterweight  
14,000 Lb. Crawler Frame Counterweight  
22 Ft. 4 in. Crawlers Extended  
360 Degree Rating

**222 SERIES B**  
**222EX SERIES B**

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

### Liftcrane Fixed Jib Capacities

**115 Ft. Boom, 100 Ft. Luffing Jib, 40 Ft. Fixed Jib**

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*REFERENCES ONLY!*
Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 10 Set At 7 Degree Offset Angle On
Luffing Jib No. 222 On Boom No. 260
63,300 Lb. Crane Counterweight
14,000 Lb. Crawler Frame Counterweight
22 Ft. 4 in. Crawlers Extended
360 Degree Rating

**222 SERIES B**

**222EX SERIES B**

As designed and tested with the intent to be in the scope of ANSI B30.5

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### 115 Ft. Boom, 110 Ft. Luffing Jib, 40 Ft. Fixed Jib

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*REFERENCE ONLY!*  

9171-A, 8-16-00/L  
Page 7 of 37
Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 10 Set At 7 Degree Offset Angle On
Luffing Jib No. 222 On Boom No. 260
63,300 Lb. Crane Counterweight
14,000 Lb. Crawler Frame Counterweight
22 Ft. 4 in. Crawlers Extended
360 Degree Rating

115 Ft. Boom, 120 Ft. Luffing Jib, 40 Ft. Fixed Jib

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### Liftcrane Fixed Jib Capacities

**New York City Code**
Fixed Jib No. 10 Set At 7 Degree Offset Angle On
Luffing Jib No. 222 On Boom No. 260
63,300 Lb. Crane Counterweight
14,000 Lb. Crawler Frame Counterweight
22 Ft. 4 in. Crawlers Extended
360 Degree Rating

**115 Ft. Boom, 130 Ft. Luffing Jib, 40 Ft. Fixed Jib**

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*REFERENCE ONLY!*

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

New York City Code
Fixed Jib No. 10 Set At 7 Degree Offset Angle On
Luffing Jib No. 222 On Boom No. 260
63,300 Lb. Crane Counterweight
14,000 Lb. Crawler Frame Counterweight
22 Ft. 4 in. Crawlers Extended
360 Degree Rating

### Liftcrane Fixed Jib Capacities

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Liftcrane Fixed Jib Capacities

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<td>28.5 208.2 2,800</td>
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<td>16.9 160.0 3,500</td>
<td>26.5 204.8 2,600</td>
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Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 10 Set At 7 Degree Offset Angle On
Luffing Jib No. 222 On Boom No. 260
63,300 Lb. Crane Counterweight
14,000 Lb. Crawler Frame Counterweight
22 Ft. 4 in. Crawlers Extended
360 Degree Rating

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

<table>
<thead>
<tr>
<th>115 Ft. Boom, 120 Ft. Luffing Jib, 50 Ft. Fixed Jib</th>
<th>88 Degree Boom Angle</th>
<th>83 Degree Boom Angle</th>
<th>80 Degree Boom Angle</th>
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<tbody>
<tr>
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<td>73.3</td>
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<td>165</td>
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<td>190.2</td>
<td>3,200</td>
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*REFERENCE ONLY!*
Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 10 Set At 7 Degree Offset Angle On
Luffing Jib No. 222 On Boom No. 260
63,300 Lb. Crane Counterweight
14,000 Lb. Crawler Frame Counterweight
22 Ft. 4 in. Crawler Extended
360 Degree Rating

| Fixed Jib | Luffing Jib | Fixed Jib |
| 60 | 76.0 | 294.0 | 11,000 * |
| 65 | 74.3 | 292.4 | 11,000 * |
| 70 | 72.6 | 290.7 | 11,000 * |
| 75 | 70.9 | 288.9 | 11,000 * |
| 80 | 69.2 | 286.8 | 11,000 * |
| 85 | 67.5 | 284.6 | 10,800 * |
| 90 | 65.7 | 282.2 | 10,400 * |
| 95 | 64.0 | 279.6 | 9,900 * |
| 100 | 62.1 | 276.8 | 9,400 * |
| 105 | 60.3 | 273.8 | 8,900 * |
| 110 | 58.4 | 270.5 | 8,200 |
| 115 | 56.5 | 267.0 | 7,500 |
| 120 | 54.5 | 263.3 | 6,900 |
| 125 | 52.5 | 259.2 | 6,300 |
| 130 | 50.4 | 254.9 | 5,700 |
| 135 | 48.2 | 250.2 | 5,200 |
| 140 | 46.0 | 245.2 | 4,800 |
| 145 | 43.6 | 239.7 | 4,300 |
| 150 | 41.1 | 233.8 | 3,900 |
| 155 | 38.5 | 227.2 | 3,600 |
| 160 | 35.8 | 220.0 | 3,200 |

115 Ft. Boom
130 Ft. Luffing Jib
50 Ft. Fixed Jib

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

REFERENCE ONLY!
## Liftcrane Fixed Jib Capacities

### 222 SERIES B

### 222EX SERIES B

**New York City Code**

- Fixed Jib No. 10 Set At 7 Degree Offset Angle On
- Luffing Jib No. 222 On Boom No. 260
- 63,300 Lb. Crane Counterweight
- 14,000 Lb. Crawler Frame Counterweight
- 22 Ft. 4 in. Crawlers Extended
- 360 Degree Rating

### Designed And Tested

With The Intent To

Be In The Scope of

ANSI B30.5

---

### Liftcrane Fixed Jib Capacities

**115 Ft. Boom, 100 Ft. Luffing Jib, 60 Ft. Fixed Jib**

<table>
<thead>
<tr>
<th>Fixed Jib Oper. Rad. Feet</th>
<th>88 Degree Boom Angle</th>
<th>83 Degree Boom Angle</th>
<th>80 Degree Boom Angle</th>
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<tr>
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<td>273.0</td>
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<td>165</td>
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</table>
### Liftcrane Fixed Jib Capacities

**New York City Code**

**Fixed Jib No. 10 Set At 7 Degree Offset Angle On**

**Luffing Jib No. 222 On Boom No. 260**

**63,300 Lb. Crane Counterweight**

**14,000 Lb. Crawler Frame Counterweight**

**22 Ft. 4 in. Crawlers Extended**

**360 Degree Rating**

---

#### 115 Ft. Boom, 110 Ft. Luffing Jib, 60 Ft. Fixed Jib

<table>
<thead>
<tr>
<th>Fixed Jib Oper. Rad. Feet</th>
<th>88 Degree Boom Angle</th>
<th>83 Degree Boom Angle</th>
<th>80 Degree Boom Angle</th>
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<tbody>
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<td>Fixed Jib Capacity Pounds</td>
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<td>72.2</td>
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<td>66.7</td>
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<td>8,000*</td>
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<td>64.8</td>
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<tr>
<td>95</td>
<td>62.9</td>
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*REFERENCE ONLY!*
### Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 10 Set At 7 Degree Offset Angle On
Luffing Jib No. 222 On Boom No. 260
63,300 Lb. Crane Counterweight
14,000 Lb. Crawler Frame Counterweight
22 Ft. 4 in. Crawlers Extended
360 Degree Rating

**222 SERIES B**

**222EX SERIES B**

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**Liftcrane Fixed Jib Capacities**

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

---

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

<table>
<thead>
<tr>
<th>Fixed Jib</th>
<th>88 Degree Boom Angle</th>
<th>Fixed Jib</th>
<th>83 Degree Boom Angle</th>
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</table>
**Liftcrane Fixed Jib Capacities**

New York City Code  
Fixed Jib No. 10 Set At 7 Degree Offset Angle On  
Luffing Jib No. 222 On Boom No. 260  
63,300 Lb. Crane Counterweight  
14,000 Lb. Crawler Frame Counterweight  
22 Ft. 4 in. Crawler's Extended  
360 Degree Rating  

**222 SERIES B**  
**222EX SERIES B**

60 Ft. Fixed Jib  
115 Ft. Boom  
130 Ft. Luffing Jib

<table>
<thead>
<tr>
<th>Oper. Rad. Feet</th>
<th>88 Deg. Fixed Boom Angle</th>
</tr>
</thead>
<tbody>
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<td>Fixed Jib Point</td>
<td>Elev. Feet</td>
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*REFERENCE ONLY!*
## Liftcrane Fixed Jib Capacities

### New York City Code
**Fixed Jib No. 10 Set At 7 Degree Offset Angle On**
**Luffing Jib No. 222 On Boom No. 260**
**63,300 Lb. Crane Counterweight**
**14,000 Lb. Crawler Frame Counterweight**
**22 Ft. 4 in. Crawlers Extended**
**360 Degree Rating**

### 222 SERIES B
### 222EX SERIES B

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

---

### 125 Ft. Boom, 100 Ft. Luffing Jib, 30 Ft. Fixed Jib

<table>
<thead>
<tr>
<th>Fixed Jib Oper. Rad. Feet</th>
<th>88 Degree Boom Angle</th>
<th>83 Degree Boom Angle</th>
<th>80 Degree Boom Angle</th>
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**REFERENCE ONLY!**

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Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 10 Set At 7 Degree Offset Angle On
Luffing Jib No. 222 On Boom No. 260
63,300 Lb. Crane Counterweight
14,000 Lb. Crawler Frame Counterweight
22 Ft. 4 in. Crawler Extended
360 Degree Rating

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

125 Ft. Boom, 110 Ft. Luffing Jib, 30 Ft. Fixed Jib

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<tr>
<th>Fixed Jib Oper. Rad. Feet</th>
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Liftcrane Fixed Jib Capacities

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Luffing Jib No. 222 On Boom No. 260
63,300 Lb. Crane Counterweight
14,000 Lb. Crawler Frame Counterweight
22 Ft. 4 in. Crawlers Extended
360 Degree Rating

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Luffing Jib No. 222 On Boom No. 260
63,300 Lb. Crane Counterweight
14,000 Lb. Crawler Frame Counterweight
22 Ft. 4 in. Crawlers Extended
360 Degree Rating

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ANSI B30.5

125 Ft. Boom, 130 Ft. Luffing Jib, 30 Ft. Fixed Jib

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Liftcrane Fixed Jib Capacities

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Fixed Jib No. 10 Set At 7 Degree Offset Angle On
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63,300 Lb. Crane Counterweight
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125 Ft. Boom, 110 Ft. Luffing Jib, 40 Ft. Fixed Jib

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**Fixed Jib No. 10 Set At 7 Degree Offset Angle On**  
**Luffing Jib No. 222 On Boom No. 260**  
**63,300 Lb. Crane Counterweight**  
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**22 Ft. 4 in. Crawlers Extended**  
**360 Degree Rating**

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

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

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### Liftcrane Fixed Jib Capacities

**New York City Code**

Fixed Jib No. 10 Set At 7 Degree Offset Angle On
Luffing Jib No. 222 On Boom No. 260

63,300 Lb. Crane Counterweight
14,000 Lb. Crawler Frame Counterweight
22 Ft. 4 in. Crawlers Extended
360 Degree Rating

**222 SERIES B**

222EX SERIES B

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

#### 125 Ft. Boom, 130 Ft. Luffing Jib, 40 Ft. Fixed Jib

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*REFERENCE ONLY!*
### Liftcrane Fixed Jib Capacities

**New York City Code**  
**Fixed Jib No. 10 Set At 7 Degree Offset Angle On**  
**Luffing Jib No. 222 On Boom No. 260**  
**63,300 Lb. Crane Counterweight**  
**14,000 Lb. Crawler Frame Counterweight**  
**22 Ft. 4 in. Crawlers Extended**  
**360 Degree Rating**

#### 222 SERIES B

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

#### 222EX SERIES B

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Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 10 Set At 7 Degree Offset Angle On
Luffing Jib No. 222 On Boom No. 260
63.300 Lb. Crane Counterweight
14,000 Lb. Crawler Frame Counterweight
22 Ft. 4 in. Crawlers Extended
360 Degree Rating

**222 SERIES B**

222EX SERIES B

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

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**Liftcrane Fixed Jib Capacities**

New York City Code
Fixed Jib No. 10 Set At 7 Degree Offset Angle On
Luffing Jib No. 222 On Boom No. 260
63,300 Lb. Crane Counterweight
14,000 Lb. Crawler Frame Counterweight
22 Ft. 4 in. Crawler s Extended
360 Degree Rating

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**125 Ft. Boom, 120 Ft. Luffing Jib, 50 Ft. Fixed Jib**

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New York City Code
Fixed Jib No. 10 Set At 7 Degree Offset Angle On
Luffing Jib No. 222 On Boom No. 260
63,300 Lb. Crane Counterweight
14,000 Lb. Crawler Frame Counterweight
22 Ft. 4 in. Crawlers Extended
360 Degree Rating

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## Liftcrane Fixed Jib Capacities

**New York City Code**  
Fixed Jib No. 10 Set At 7 Degree Offset Angle On  
Luffing Jib No. 222 On Boom No. 260  
63,300 Lb. Crane Counterweight  
14,000 Lb. Crawler Frame Counterweight  
22 Ft. 4 in. Crawlers Extended  
360 Degree Rating

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222EX SERIES B

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**REFERENCE ONLY!**

*Designed And Tested With The Intent To Be In The Scope of ANSI B30.5*
### Liftcrane Fixed Jib Capacities

**New York City Code**  
Fixed Jib No. 10 Set At 7 Degree Offset Angle On  
Luffing Jib No. 222 On Boom No. 260  
63,300 Lb. Crane Counterweight  
14,000 Lb. Crawler Frame Counterweight  
22 Ft. 4 in. Crawler’s Extended  
360 Degree Rating

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

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<th>222EX SERIES B</th>
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**125 Ft. Boom, 110 Ft. Luffing Jib, 60 Ft. Fixed Jib**

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### Liftcrane Fixed Jib Capacities

**New York City Code**  
Fixed Jib No. 10 Set At 7 Degree Offset Angle On  
Luffing Jib No. 222 On Boom No. 260  
63,300 Lb. Crane Counterweight  
14,000 Lb. Crawler Frame Counterweight  
22 Ft. 4 in. Crawlers Extended  
360 Degree Rating

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

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*REFERENCE ONLY!*
### Liftcrane Fixed Jib Capacities

Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 10 Set At 7 Degree Offset Angle On
Luffing Jib No. 222 On Boom No. 260
63,300 Lb. Crane Counterweight
14,000 Lb. Crawler Frame Counterweight
22 Ft. 4 in. Crawler Extended
360 Degree Rating

**222 SERIES B**
**222EX SERIES B**

**Reference**

**MANITOWOC CRANES, INC.**
Manitowoc, Wisconsin 54220 U.S.A.

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

---

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Liftcrane Fixed Jib Capacities

New York City Code
Fixed Jib No. 10 Set At 7 Degree Offset Angle On
Luffing Jib No. 222 On Boom No. 260
63,300 Lb. Crane Counterweight
14,000 Lb. Crawler Frame Counterweight
22 Ft. 4 in. Crawlers Extended
360 Degree Rating

### Liftcrane Fixed Jib Capacities

#### 135 Ft. Boom, 100 Ft. Luffing Jib, 30 Ft. Fixed Jib

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**Liftcrane Fixed Jib Capacities**

New York City Code  
Fixed Jib No. 10 Set At 7 Degree Offset Angle On  
Luffing Jib No. 222 On Boom No. 260  
63,300 Lb. Crane Counterweight  
14,000 Lb. Crawler Frame Counterweight  
22 Ft. 4 in. Crawlers Extended  
360 Degree Rating

**135 Ft. Boom, 100 Ft. Luffing Jib, 40 Ft. Fixed Jib**

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### Liftcrane Fixed Jib Capacities

**New York City Code**  
**Fixed Jib No. 10 Set At 7 Degree Offset Angle On**  
**Luffing Jib No. 222 On Boom No. 260**  
**63,300 Lb. Crane Counterweight**  
**14,000 Lb. Crawler Frame Counterweight**  
**22 Ft. 4 in. Crawler’s Extended**  
**360 Degree Rating**  

#### 222 SERIES B  
#### 222EX SERIES B  

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

**135 Ft. Boom, 100 Ft. Luffing Jib, 50 Ft. Fixed Jib**

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### Liftcrane Fixed Jib Capacities

New York City Code  
Fixed Jib No. 10 Set At 7 Degree Offset Angle On  
Luffing Jib No. 222 On Boom No. 260  
63,300 Lb. Crane Counterweight  
14,000 Lb. Crawler Frame Counterweight  
22 Ft. 4 in. Crawlers Extended  
360 Degree Rating

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

#### 135 Ft. Boom, 100 Ft. Luffing Jib, 60 Ft. Fixed Jib

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**REFERENCE ONLY!**