



Liftcrane Luffing Jib Intermediate Fall Capacities

Boom No. 260
Luffing Jib No. 222
28 710 kg Crane Counterweight
6 350 kg Crawler Frame Counterweight
6 807 mm Crawlers Extended
360 Degree Rating

European Standards	
10 m/s Maximum Wind	15.2m and 18.2m Luffing Jib
7 m/s Maximum Wind	21.3m thru 45.7m Luffing Jib

222 SERIES B
222EX SERIES B

LIFTING CAPACITIES: Lifting capacities for various boom lengths, luffing jib lengths and intermediate fall operating radii are for freely suspended loads and are calculated to comply with EN 13000 and ISO 4305 (1.25P + 0.1F). Capacities based on structural competence are denoted by an asterisk (*).

Weight of all load blocks, hooks, weight ball, slings, etc., beneath intermediate fall sheave, is considered part of intermediate fall load. Reeved hoist line included in luffing jib weight. Weight of luffing jib and 910 kg suspended beneath luffing jib point sheaves have been included in capacity determination. Boom is not to be lowered beyond radii where combined weights are greater than rated capacity. Where no capacity is shown, operation is not intended or approved.

OPERATING CONDITIONS: Machine to operate in a level position on a firm uniformly supporting surface with bearing turntable level within a tolerance of 13 mm in 3m. During operation, luffing jib must be maintained at proper boom to luffing jib angle shown in table. Refer to luffing jib assembly **No. 194529**, Wire Rope Specification chart **No. 9169-A** and Luffing Jib Raising Procedure chart **No. 9164-A**. Crane operator judgment must be used to allow for dynamic load effects of swinging, hoisting or lowering, travel, wind conditions, as well as adverse operating conditions and physical machine depreciation. Refer to operators manual for operating guidelines.

WIND CONDITIONS: Machine may be operated in winds up to 10 m/s for all boom lengths with 15.2m and 18.2m luffing jib attached and 7 m/s for all boom lengths with 21.3m thru 45.7m luffing jib attached provided crane operator judgment is used to allow for wind effect on lifted load and other considerations noted on capacity chart are followed. Wind

will have a considerable effect on a load. Loads must be compensated for accordingly by reducing load ratings, reducing operating speeds or by a combination of both. Recommend stopping operation and positioning boom at 75 degrees and luffing jib at 50 degrees when wind is above conditions stated. Lower boom and luffing jib to ground when wind is above 14 m/s.

MACHINE TRAVEL: Machine to travel on a firm, level and uniformly supporting surface and boom within boom angle range shown in capacity chart and luffing jib set at proper boom to luffing jib angle shown in table. Refer to Maximum Allowable Travel Specification chart **No. 9163-A**.

OPERATING RADIUS: Operating radius is horizontal distance from axis of rotation to center of vertical hoist line or load block. Boom angle is angle between horizontal and centerline of boom butt and inserts, and is an indication of operating radius. In all cases, operating radius shall govern capacity.

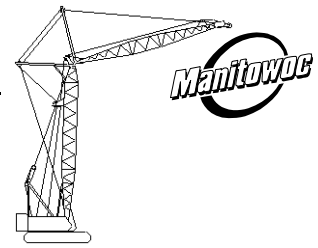
INTERMEDIATE FALL ELEVATION: Intermediate fall elevation is vertical distance from ground level to centerline of intermediate fall shaft.

MACHINE EQUIPMENT: Machine equipped with 6 807 mm extendible crawlers, 914 mm treads, 4 724 mm retractable gantry, 10 part boom hoist reeving, two 32 mm boom pendants, 6 part luffing jib hoist reeving, two 32 mm luffing jib pendants, two 29 mm luffing jib backstays, 1st crane counterweight = 12 930 kg, 2nd crane counterweight = 4 530 kg, 3rd crane counterweight = 11 250 kg and four 1 590 kg crawler frame counterweights.

Maximum capacity on 16 mm wire rope is 5 100 kg per line.

Luffing Jib Position During Operation	
Luffing Jib Length - Meters	Boom To Luffing Jib Angle
15.2	150 Degrees
18.3	155 Degrees
21.3	160 Degrees
24.4 - 45.7	165 Degrees

Fixed jib No. 10 must be removed from luffing jib for use of this chart.



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European Standards
10 m/s Maximum Wind
15.2m and 18.2m Luffing Jib

7 m/s Maximum Wind
21.3m thru 45.7m Luffing Jib

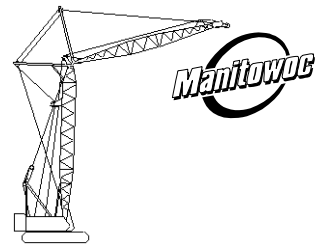
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15.2m (50 Ft.) Luffing Jib, Attached at 150 Degree Boom to Luffing Jib Angle

Oper. Rad. Meters	Boom Ang. Deg.	Intermediate Fall	
		Elev. Meters	Capacity Kilograms
16.8m (55 Ft.) BOOM			
4.0	82.0	18.8	10 200 *
4.5	80.2	18.7	10 200 *
5.0	78.5	18.6	10 200 *
5.5	76.8	18.5	10 200 *
6.0	75.1	18.3	10 200 *
7.0	71.7	18.0	10 200 *
8.0	68.1	17.6	10 200 *
9.0	64.4	17.1	10 200 *
10.0	60.7	16.5	10 200 *
11.0	56.7	15.9	10 200 *
12.0	52.6	15.1	10 200 *
14.0	43.4	13.2	9 900
19.8m (65 Ft.) BOOM			
4.3	82.4	21.8	10 200 *
4.5	81.7	21.8	10 200 *
5.0	80.3	21.7	10 200 *
5.5	78.8	21.6	10 200 *
6.0	77.4	21.5	10 200 *
7.0	74.5	21.2	10 200 *
8.0	71.5	20.9	10 200 *
9.0	68.5	20.5	10 200 *
10.0	65.4	20.0	10 200 *
11.0	62.3	19.5	10 200 *
12.0	59.0	18.9	10 200 *
14.0	52.0	17.4	9 900
16.0	44.3	15.5	7 700
18.0	35.2	13.0	5 800
22.9m (75 Ft.) BOOM			
4.6	82.6	24.9	10 200 *
5.0	81.6	24.8	10 200 *
5.5	80.3	24.7	10 200 *
6.0	79.1	24.6	10 200 *
7.0	76.6	24.4	10 200 *
8.0	74.0	24.1	10 200 *
9.0	71.4	23.7	10 200 *
10.0	68.8	23.3	10 200 *
11.0	66.2	22.9	10 200 *
12.0	63.4	22.4	10 200 *
14.0	57.7	21.2	9 900
16.0	51.6	19.7	7 800
18.0	45.0	17.8	5 800

Oper. Rad. Meters	Boom Ang. Deg.	Intermediate Fall	
		Elev. Meters	Capacity Kilograms
25.9m (85 Ft.) BOOM			
4.9	82.8	27.9	10 200 *
5.0	82.5	27.9	10 200 *
5.5	81.4	27.8	10 200 *
6.0	80.3	27.7	10 200 *
7.0	78.1	27.5	10 200 *
8.0	75.9	27.3	10 200 *
9.0	73.7	27.0	10 200 *
10.0	71.4	26.6	10 200 *
11.0	69.1	26.2	10 200 *
12.0	66.7	25.8	10 200 *
14.0	61.9	24.8	9 900
16.0	56.8	23.5	7 800
18.0	51.3	22.0	5 800
29.0m (95 Ft.) BOOM			
5.5	82.4	30.9	10 200 *
6.0	81.3	30.8	10 200 *
7.0	79.4	30.6	10 200 *
8.0	77.4	30.4	10 200 *
9.0	75.4	30.1	10 200 *
10.0	73.4	29.8	10 200 *
11.0	71.3	29.5	10 200 *
12.0	69.2	29.1	10 200 *
14.0	65.0	28.2	9 900
16.0	60.6	27.1	7 800
18.0	56.0	25.9	5 800
32.0m (105 Ft.) BOOM			
5.8	82.5	33.9	10 200 *
6.0	82.2	33.9	10 200 *
7.0	80.4	33.7	10 200 *
8.0	78.6	33.5	10 200 *
9.0	76.8	33.3	10 200 *
10.0	75.0	33.0	10 200 *
11.0	73.1	32.7	10 200 *
12.0	71.3	32.4	10 200 *
14.0	67.5	31.6	9 800
16.0	63.6	30.6	7 400
18.0	59.6	29.5	5 700

Oper. Rad. Meters	Boom Ang. Deg.	Intermediate Fall	
		Elev. Meters	Capacity Kilograms
35.1m (115 Ft.) BOOM			
6.1	82.7	37.0	5 000 *
7.0	81.2	36.8	5 000 *
8.0	79.6	36.6	5 000 *
9.0	77.9	36.4	5 000 *
10.0	76.3	36.2	5 000 *
11.0	74.6	35.9	5 000 *
12.0	72.9	35.6	5 000 *
14.0	69.5	34.9	5 000 *
16.0	66.0	34.0	5 000 *
18.0	62.4	33.0	5 000 *
38.1m (125 Ft.) BOOM			
6.7	82.4	40.0	5 000 *
7.0	81.9	39.9	5 000 *
8.0	80.4	39.7	5 000 *
9.0	78.9	39.5	5 000 *
10.0	77.4	39.3	5 000 *
11.0	75.9	39.1	5 000 *
12.0	74.3	38.8	5 000 *
14.0	71.2	38.1	5 000 *
16.0	68.0	37.4	5 000 *
41.1m (135 Ft.) BOOM			
6.7	82.9	43.0	5 000 *
7.0	82.5	43.0	5 000 *
8.0	81.1	42.8	5 000 *
9.0	79.7	42.7	5 000 *
10.0	78.3	42.4	5 000 *
11.0	76.9	42.2	5 000 *
12.0	75.5	42.0	5 000 *
14.0	72.6	41.4	5 000 *
16.0	69.7	40.6	5 000 *
44.2m (145 Ft.) BOOM			
7.3	82.6	46.0	5 000 *
8.0	81.7	45.9	5 000 *
9.0	80.4	45.8	5 000 *
10.0	79.1	45.6	5 000 *
11.0	77.8	45.3	5 000 *
12.0	76.5	45.1	5 000 *
14.0	73.9	44.5	5 000 *
16.0	71.2	43.9	5 000 *



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European Standards	
10 m/s Maximum Wind	15.2m and 18.2m Luffing Jib
7 m/s Maximum Wind	21.3m thru 45.7m Luffing Jib

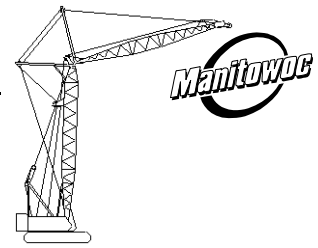
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18.3m (60 Ft.) Luffing Jib, Attached at 155 Degree Boom to Luffing Jib Angle

Oper. Rad. Meters	Boom Ang. Deg.	Intermediate Fall	
		Elev. Meters	Capacity Kilograms
16.8m (55 Ft.) BOOM			
4.0	82.0	18.8	10 200 *
4.5	80.2	18.7	10 200 *
5.0	78.5	18.6	10 200 *
5.5	76.8	18.5	10 200 *
6.0	75.1	18.3	10 200 *
7.0	71.7	18.0	10 200 *
8.0	68.1	17.6	10 200 *
9.0	64.4	17.1	10 200 *
10.0	60.7	16.5	10 200 *
11.0	56.7	15.9	10 200 *
12.0	52.6	15.1	10 200 *
14.0	43.4	13.2	9 500
16.0	32.2	10.4	6 800
19.8m (65 Ft.) BOOM			
4.3	82.4	21.8	10 200 *
4.5	81.7	21.8	10 200 *
5.0	80.3	21.7	10 200 *
5.5	78.8	21.6	10 200 *
6.0	77.4	21.5	10 200 *
7.0	74.5	21.2	10 200 *
8.0	71.5	20.9	10 200 *
9.0	68.5	20.5	10 200 *
10.0	65.4	20.0	10 200 *
11.0	62.3	19.5	10 200 *
12.0	59.0	18.9	10 200 *
14.0	52.0	17.4	9 700
16.0	44.3	15.5	6 900
22.9m (75 Ft.) BOOM			
4.6	82.6	24.9	10 200 *
5.0	81.6	24.8	10 200 *
5.5	80.3	24.7	10 200 *
6.0	79.1	24.6	10 200 *
7.0	76.6	24.4	10 200 *
8.0	74.0	24.1	10 200 *
9.0	71.4	23.7	10 200 *
10.0	68.8	23.3	10 200 *
11.0	66.2	22.9	10 200 *
12.0	63.4	22.4	10 200 *
14.0	57.7	21.2	9 700
16.0	51.6	19.7	7 000

Oper. Rad. Meters	Boom Ang. Deg.	Intermediate Fall	
		Elev. Meters	Capacity Kilograms
25.9m (85 Ft.) BOOM			
4.9	82.8	27.9	10 200 *
5.0	82.5	27.9	10 200 *
5.5	81.4	27.8	10 200 *
6.0	80.3	27.7	10 200 *
7.0	78.1	27.5	10 200 *
8.0	75.9	27.3	10 200 *
9.0	73.7	27.0	10 200 *
10.0	71.4	26.6	10 200 *
11.0	69.1	26.2	10 200 *
12.0	66.7	25.8	10 200 *
14.0	61.9	24.8	9 800
16.0	56.8	23.5	7 100
29.0m (95 Ft.) BOOM			
5.2	83.0	30.9	10 200 *
5.5	82.3	30.9	10 200 *
6.0	81.3	30.8	10 200 *
7.0	79.4	30.6	10 200 *
8.0	77.4	30.4	10 200 *
9.0	75.4	30.1	10 200 *
10.0	73.4	29.8	10 200 *
11.0	71.3	29.5	10 200 *
12.0	69.2	29.1	10 200 *
14.0	65.0	28.2	9 600
16.0	60.6	27.1	7 100
32.0m (105 Ft.) BOOM			
5.8	82.5	33.9	10 200 *
6.0	82.2	33.9	10 200 *
7.0	80.4	33.7	10 200 *
8.0	78.6	33.5	10 200 *
9.0	76.8	33.3	10 200 *
10.0	75.0	33.0	10 200 *
11.0	73.1	32.7	10 200 *
12.0	71.3	32.4	10 200 *
14.0	67.5	31.6	9 100
16.0	63.6	30.6	6 800

Oper. Rad. Meters	Boom Ang. Deg.	Intermediate Fall	
		Elev. Meters	Capacity Kilograms
35.1m (115 Ft.) BOOM			
6.1	82.7	37.0	5 000 *
7.0	81.2	36.8	5 000 *
8.0	79.6	36.6	5 000 *
9.0	77.9	36.4	5 000 *
10.0	76.3	36.2	5 000 *
11.0	74.6	35.9	5 000 *
12.0	72.9	35.6	5 000 *
14.0	69.5	34.9	5 000 *
16.0	66.0	34.0	5 000 *
38.1m (125 Ft.) BOOM			
6.7	82.4	40.0	5 000 *
7.0	81.9	39.9	5 000 *
8.0	80.4	39.7	5 000 *
9.0	78.9	39.5	5 000 *
10.0	77.4	39.3	5 000 *
11.0	75.9	39.1	5 000 *
12.0	74.3	38.8	5 000 *
14.0	71.2	38.1	5 000 *
16.0	68.0	37.4	5 000 *
41.1m (135 Ft.) BOOM			
6.7	82.9	43.0	5 000 *
7.0	82.5	43.0	5 000 *
8.0	81.1	42.8	5 000 *
9.0	79.7	42.7	5 000 *
10.0	78.3	42.4	5 000 *
11.0	76.9	42.2	5 000 *
12.0	75.5	42.0	5 000 *
14.0	72.6	41.4	5 000 *
16.0	69.7	40.6	5 000 *



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28 710 kg Crane Counterweight
6 350 kg Crawler Frame Counterweight
6 807 mm Crawlers Extended
360 Degree Rating

European Standards
10 m/s Maximum Wind
15.2m and 18.2m Luffing Jib

7 m/s Maximum Wind
21.3m thru 45.7m Luffing Jib

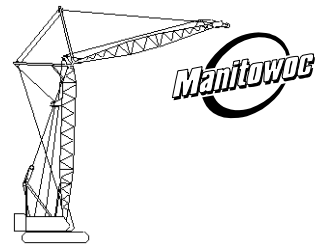
222 SERIES B
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21.3m (70 Ft.) Luffing Jib, Attached at 160 Degree Boom to Luffing Jib Angle

Oper. Rad. Meters	Boom Ang. Deg.	Intermediate Fall	
		Elev. Meters	Capacity Kilograms
16.8m (55 Ft.) BOOM			
3.7	83.0	18.9	10 200 *
4.0	81.9	18.8	10 200 *
4.5	80.2	18.7	10 200 *
5.0	78.5	18.6	10 200 *
5.5	76.8	18.5	10 200 *
6.0	75.1	18.3	10 200 *
7.0	71.7	18.0	10 200 *
8.0	68.1	17.6	10 200 *
9.0	64.4	17.1	10 200 *
10.0	60.7	16.5	10 200 *
11.0	56.7	15.9	10 200 *
12.0	52.6	15.1	10 200 *
14.0	43.4	13.2	8 400
19.8m (65 Ft.) BOOM			
4.3	82.4	21.8	10 200 *
4.5	81.7	21.8	10 200 *
5.0	80.3	21.7	10 200 *
5.5	78.8	21.6	10 200 *
6.0	77.4	21.5	10 200 *
7.0	74.5	21.2	10 200 *
8.0	71.5	20.9	10 200 *
9.0	68.5	20.5	10 200 *
10.0	65.4	20.0	10 200 *
11.0	62.3	19.5	10 200 *
12.0	59.0	18.9	10 200 *
14.0	52.0	17.4	8 700
16.0	44.3	15.5	6 000
22.9m (75 Ft.) BOOM			
4.6	82.6	24.9	10 200 *
5.0	81.6	24.8	10 200 *
5.5	80.3	24.7	10 200 *
6.0	79.1	24.6	10 200 *
7.0	76.6	24.4	10 200 *
8.0	74.0	24.1	10 200 *
9.0	71.4	23.7	10 200 *
10.0	68.8	23.3	10 200 *
11.0	66.2	22.9	10 200 *
12.0	63.4	22.4	10 200 *
14.0	57.7	21.2	8 900
16.0	51.6	19.7	6 200

Oper. Rad. Meters	Boom Ang. Deg.	Intermediate Fall	
		Elev. Meters	Capacity Kilograms
25.9m (85 Ft.) BOOM			
4.9	82.8	27.9	10 200 *
5.0	82.5	27.9	10 200 *
5.5	81.4	27.8	10 200 *
6.0	80.3	27.7	10 200 *
7.0	78.1	27.5	10 200 *
8.0	75.9	27.3	10 200 *
9.0	73.7	27.0	10 200 *
10.0	71.4	26.6	10 200 *
11.0	69.1	26.2	10 200 *
12.0	66.7	25.8	10 200 *
14.0	61.9	24.8	8 900
16.0	56.8	23.5	6 300
29.0m (95 Ft.) BOOM			
5.2	83.0	30.9	10 200 *
5.5	82.3	30.9	10 200 *
6.0	81.3	30.8	10 200 *
7.0	79.4	30.6	10 200 *
8.0	77.4	30.4	10 200 *
9.0	75.4	30.1	10 200 *
10.0	73.4	29.8	10 200 *
11.0	71.3	29.5	10 200 *
12.0	69.2	29.1	10 200 *
14.0	65.0	28.2	8 600
16.0	60.6	27.1	6 200
32.0m (105 Ft.) BOOM			
5.5	83.1	34.0	10 200 *
6.0	82.2	33.9	10 200 *
7.0	80.4	33.7	10 200 *
8.0	78.6	33.5	10 200 *
9.0	76.8	33.3	10 200 *
10.0	75.0	33.0	10 200 *
11.0	73.1	32.7	10 200 *
12.0	71.3	32.4	10 200 *
14.0	67.5	31.6	8 200
16.0	63.6	30.6	6 000

Oper. Rad. Meters	Boom Ang. Deg.	Intermediate Fall	
		Elev. Meters	Capacity Kilograms
35.1m (115 Ft.) BOOM			
6.1	82.7	37.0	5 000 *
7.0	81.2	36.8	5 000 *
8.0	79.6	36.6	5 000 *
9.0	77.9	36.4	5 000 *
10.0	76.3	36.2	5 000 *
11.0	74.6	35.9	5 000 *
12.0	72.9	35.6	5 000 *
14.0	69.5	34.9	5 000 *
16.0	66.0	34.0	5 000 *
38.1m (125 Ft.) BOOM			
6.7	82.4	40.0	5 000 *
7.0	81.9	39.9	5 000 *
8.0	80.4	39.7	5 000 *
9.0	78.9	39.5	5 000 *
10.0	77.4	39.3	5 000 *
11.0	75.9	39.1	5 000 *
12.0	74.3	38.8	5 000 *
14.0	71.2	38.1	5 000 *
41.1m (135 Ft.) BOOM			
6.7	82.9	43.0	5 000 *
7.0	82.5	43.0	5 000 *
8.0	81.1	42.8	5 000 *
9.0	79.7	42.7	5 000 *
10.0	78.3	42.4	5 000 *
11.0	76.9	42.2	5 000 *
12.0	75.5	42.0	5 000 *
14.0	72.6	41.4	5 000 *



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10 m/s Maximum Wind	15.2m and 18.2m Luffing Jib
7 m/s Maximum Wind	21.3m thru 45.7m Luffing Jib

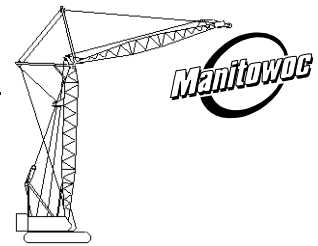
222 SERIES B
222EX SERIES B

24.4m (80 Ft.) Luffing Jib, Attached at 165 Degree Boom to Luffing Jib Angle

Oper. Rad. Meters	Boom Ang. Deg.	Intermediate Fall	
		Elev. Meters	Capacity Kilograms
16.8m (55 Ft.) BOOM			
3.7	82.7	18.9	10 200 *
4.0	81.6	18.8	10 200 *
4.5	79.9	18.7	10 200 *
5.0	78.2	18.6	10 200 *
5.5	76.5	18.5	10 200 *
6.0	74.8	18.4	10 200 *
7.0	71.3	18.0	10 200 *
8.0	67.8	17.6	10 200 *
9.0	64.1	17.1	10 200 *
10.0	60.4	16.6	10 200 *
12.0	52.3	15.2	10 200 *
14.0	43.2	13.2	7 500
19.8m (65 Ft.) BOOM			
4.0	82.9	21.9	10 200 *
4.5	81.4	21.8	10 200 *
5.0	80.0	21.7	10 200 *
5.5	78.6	21.6	10 200 *
6.0	77.1	21.5	10 200 *
7.0	74.2	21.2	10 200 *
8.0	71.3	20.9	10 200 *
9.0	68.2	20.5	10 200 *
10.0	65.2	20.0	10 200 *
12.0	58.7	18.9	10 200 *
14.0	51.8	17.5	7 900
22.9m (75 Ft.) BOOM			
4.6	82.4	24.9	10 200 *
5.0	81.3	24.8	10 200 *
5.5	80.1	24.8	10 200 *
6.0	78.8	24.6	10 200 *
7.0	76.3	24.4	10 200 *
8.0	73.8	24.1	10 200 *
9.0	71.2	23.8	10 200 *
10.0	68.6	23.4	10 200 *
12.0	63.2	22.4	10 200 *
14.0	57.5	21.3	8 300

Oper. Rad. Meters	Boom Ang. Deg.	Intermediate Fall	
		Elev. Meters	Capacity Kilograms
25.9m (85 Ft.) BOOM			
4.9	82.6	28.0	10 200 *
5.0	82.3	27.9	10 200 *
5.5	81.2	27.9	10 200 *
6.0	80.1	27.8	10 200 *
7.0	77.9	27.5	10 200 *
8.0	75.7	27.3	10 200 *
9.0	73.4	27.0	10 200 *
10.0	71.2	26.7	10 200 *
12.0	66.5	25.8	10 200 *
14.0	61.7	24.8	8 200
29.0m (95 Ft.) BOOM			
5.2	82.7	31.0	10 200 *
5.5	82.1	30.9	10 200 *
6.0	81.1	30.9	10 200 *
7.0	79.2	30.7	10 200 *
8.0	77.2	30.4	10 200 *
9.0	75.2	30.2	10 200 *
10.0	73.2	29.9	10 200 *
12.0	69.1	29.2	10 200 *
14.0	64.8	28.3	8 000
32.0m (105 Ft.) BOOM			
5.5	82.9	34.0	10 200 *
6.0	82.0	33.9	10 200 *
7.0	80.2	33.8	10 200 *
8.0	78.4	33.6	10 200 *
9.0	76.6	33.3	10 200 *
10.0	74.8	33.1	10 200 *
12.0	71.1	32.4	10 200 *
14.0	67.3	31.6	7 700

Oper. Rad. Meters	Boom Ang. Deg.	Intermediate Fall	
		Elev. Meters	Capacity Kilograms
35.1m (115 Ft.) BOOM			
6.1	82.5	37.0	5 000 *
7.0	81.0	36.9	5 000 *
8.0	79.4	36.7	5 000 *
9.0	77.8	36.5	5 000 *
10.0	76.1	36.2	5 000 *
12.0	72.8	35.6	5 000 *
14.0	69.4	34.9	5 000 *
38.1m (125 Ft.) BOOM			
6.7	82.2	40.0	5 000 *
7.0	81.8	40.0	5 000 *
8.0	80.3	39.8	5 000 *
9.0	78.7	39.6	5 000 *
10.0	77.2	39.4	5 000 *
12.0	74.2	38.8	5 000 *
14.0	71.1	38.2	5 000 *
41.1m (135 Ft.) BOOM			
6.7	82.8	43.1	5 000 *
7.0	82.4	43.0	5 000 *
8.0	81.0	42.9	5 000 *
9.0	79.6	42.7	5 000 *
10.0	78.2	42.5	5 000 *
12.0	75.4	42.0	5 000 *
14.0	72.5	41.4	5 000 *



Liftcrane Luffing Jib Intermediate Fall Capacities

Boom No. 260
Luffing Jib No. 222
28 710 kg Crane Counterweight
6 350 kg Crawler Frame Counterweight
6 807 mm Crawlers Extended
360 Degree Rating

European Standards
10 m/s Maximum Wind
15.2m and 18.2m Luffing Jib

7 m/s Maximum Wind
21.3m thru 45.7m Luffing Jib

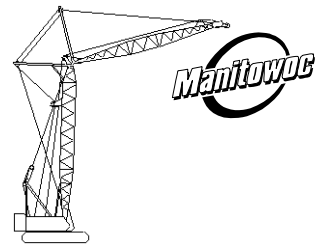
222 SERIES B
222EX SERIES B

27.4m (90 Ft.) Luffing Jib, Attached at 165 Degree Boom to Luffing Jib Angle

Oper. Rad. Meters	Boom Ang. Deg.	Intermediate Fall	
		Elev. Meters	Capacity Kilograms
16.8m (55 Ft.) BOOM			
3.7	82.7	18.9	10 200 *
4.0	81.6	18.8	10 200 *
4.5	79.9	18.7	10 200 *
5.0	78.2	18.6	10 200 *
5.5	76.5	18.5	10 200 *
6.0	74.8	18.4	10 200 *
7.0	71.3	18.0	10 200 *
8.0	67.8	17.6	10 200 *
9.0	64.1	17.1	10 200 *
10.0	60.4	16.6	10 200 *
12.0	52.3	15.2	9 600
19.8m (65 Ft.) BOOM			
4.0	82.9	21.9	10 200 *
4.5	81.4	21.8	10 200 *
5.0	80.0	21.7	10 200 *
5.5	78.6	21.6	10 200 *
6.0	77.1	21.5	10 200 *
7.0	74.2	21.2	10 200 *
8.0	71.3	20.9	10 200 *
9.0	68.2	20.5	10 200 *
10.0	65.2	20.0	10 200 *
12.0	58.7	18.9	9 900
22.9m (75 Ft.) BOOM			
4.6	82.4	24.9	10 200 *
5.0	81.3	24.8	10 200 *
5.5	80.1	24.8	10 200 *
6.0	78.8	24.6	10 200 *
7.0	76.3	24.4	10 200 *
8.0	73.8	24.1	10 200 *
9.0	71.2	23.8	10 200 *
10.0	68.6	23.4	10 200 *
12.0	63.2	22.4	10 000
14.0	57.5	21.3	7 100

Oper. Rad. Meters	Boom Ang. Deg.	Intermediate Fall	
		Elev. Meters	Capacity Kilograms
25.9m (85 Ft.) BOOM			
4.9	82.6	28.0	10 200 *
5.0	82.3	27.9	10 200 *
5.5	81.2	27.9	10 200 *
6.0	80.1	27.8	10 200 *
7.0	77.9	27.5	10 200 *
8.0	75.7	27.3	10 200 *
9.0	73.4	27.0	10 200 *
10.0	71.2	26.7	10 200 *
12.0	66.5	25.8	9 900
14.0	61.7	24.8	7 000
29.0m (95 Ft.) BOOM			
5.2	82.7	31.0	10 200 *
5.5	82.1	30.9	10 200 *
6.0	81.1	30.9	10 200 *
7.0	79.2	30.7	10 200 *
8.0	77.2	30.4	10 200 *
9.0	75.2	30.2	10 200 *
10.0	73.2	29.9	10 200 *
12.0	69.1	29.2	9 800
14.0	64.8	28.3	6 800
32.0m (105 Ft.) BOOM			
5.5	82.9	34.0	10 200 *
6.0	82.0	33.9	10 200 *
7.0	80.2	33.8	10 200 *
8.0	78.4	33.6	10 200 *
9.0	76.6	33.3	10 200 *
10.0	74.8	33.1	10 200 *
12.0	71.1	32.4	9 500
14.0	67.3	31.6	6 600

Oper. Rad. Meters	Boom Ang. Deg.	Intermediate Fall	
		Elev. Meters	Capacity Kilograms
35.1m (115 Ft.) BOOM			
6.1	82.5	37.0	5 000 *
7.0	81.0	36.9	5 000 *
8.0	79.4	36.7	5 000 *
9.0	77.8	36.5	5 000 *
10.0	76.1	36.2	5 000 *
12.0	72.8	35.6	5 000 *
14.0	69.4	34.9	5 000 *
38.1m (125 Ft.) BOOM			
6.7	82.2	40.0	5 000 *
7.0	81.8	40.0	5 000 *
8.0	80.3	39.8	5 000 *
9.0	78.7	39.6	5 000 *
10.0	77.2	39.4	5 000 *
12.0	74.2	38.8	5 000 *
41.1m (135 Ft.) BOOM			
6.7	82.8	43.1	5 000 *
7.0	82.4	43.0	5 000 *
8.0	81.0	42.9	5 000 *
9.0	79.6	42.7	5 000 *
10.0	78.2	42.5	5 000 *
12.0	75.4	42.0	5 000 *



Liftcrane Luffing Jib Intermediate Fall Capacities

Boom No. 260
Luffing Jib No. 222
28 710 kg Crane Counterweight
6 350 kg Crawler Frame Counterweight
6 807 mm Crawlers Extended
360 Degree Rating

European Standards	
10 m/s Maximum Wind	15.2m and 18.2m Luffing Jib
7 m/s Maximum Wind	21.3m thru 45.7m Luffing Jib

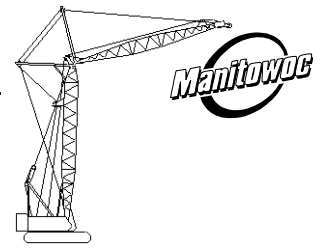
222 SERIES B
222EX SERIES B

30.5m (100 Ft.) Luffing Jib, Attached at 165 Degree Boom to Luffing Jib Angle

Oper. Rad. Meters	Boom Ang. Deg.	Intermediate Fall	
		Elev. Meters	Capacity Kilograms
16.8m (55 Ft.) BOOM			
3.7	82.7	18.9	10 200 *
4.0	81.6	18.8	10 200 *
4.5	79.9	18.7	10 200 *
5.0	78.2	18.6	10 200 *
5.5	76.5	18.5	10 200 *
6.0	74.8	18.4	10 200 *
7.0	71.3	18.0	10 200 *
8.0	67.8	17.6	10 200 *
9.0	64.1	17.1	10 200 *
10.0	60.4	16.6	10 200 *
12.0	52.3	15.2	8 900
19.8m (65 Ft.) BOOM			
4.0	82.9	21.9	10 200 *
4.5	81.4	21.8	10 200 *
5.0	80.0	21.7	10 200 *
5.5	78.6	21.6	10 200 *
6.0	77.1	21.5	10 200 *
7.0	74.2	21.2	10 200 *
8.0	71.3	20.9	10 200 *
9.0	68.2	20.5	10 200 *
10.0	65.2	20.0	10 200 *
12.0	58.7	18.9	9 300
22.9m (75 Ft.) BOOM			
4.6	82.4	24.9	10 200 *
5.0	81.3	24.8	10 200 *
5.5	80.1	24.8	10 200 *
6.0	78.8	24.6	10 200 *
7.0	76.3	24.4	10 200 *
8.0	73.8	24.1	10 200 *
9.0	71.2	23.8	10 200 *
10.0	68.6	23.4	10 200 *
12.0	63.2	22.4	9 400

Oper. Rad. Meters	Boom Ang. Deg.	Intermediate Fall	
		Elev. Meters	Capacity Kilograms
25.9m (85 Ft.) BOOM			
4.9	82.6	28.0	10 200 *
5.0	82.3	27.9	10 200 *
5.5	81.2	27.9	10 200 *
6.0	80.1	27.8	10 200 *
7.0	77.9	27.5	10 200 *
8.0	75.7	27.3	10 200 *
9.0	73.4	27.0	10 200 *
10.0	71.2	26.7	10 200 *
12.0	66.5	25.8	9 400
29.0m (95 Ft.) BOOM			
5.2	82.7	31.0	10 200 *
5.5	82.1	30.9	10 200 *
6.0	81.1	30.9	10 200 *
7.0	79.2	30.7	10 200 *
8.0	77.2	30.4	10 200 *
9.0	75.2	30.2	10 200 *
10.0	73.2	29.9	10 200 *
12.0	69.1	29.2	9 200
32.0m (105 Ft.) BOOM			
5.5	82.9	34.0	10 200 *
6.0	82.0	33.9	10 200 *
7.0	80.2	33.8	10 200 *
8.0	78.4	33.6	10 200 *
9.0	76.6	33.3	10 200 *
10.0	74.8	33.1	10 200 *
12.0	71.1	32.4	8 900

Oper. Rad. Meters	Boom Ang. Deg.	Intermediate Fall	
		Elev. Meters	Capacity Kilograms
35.1m (115 Ft.) BOOM			
6.1	82.5	37.0	5 000 *
7.0	81.0	36.9	5 000 *
8.0	79.4	36.7	5 000 *
9.0	77.8	36.5	5 000 *
10.0	76.1	36.2	5 000 *
12.0	72.8	35.6	5 000 *
38.1m (125 Ft.) BOOM			
6.7	82.2	40.0	5 000 *
7.0	81.8	40.0	5 000 *
8.0	80.3	39.8	5 000 *
9.0	78.7	39.6	5 000 *
10.0	77.2	39.4	5 000 *
12.0	74.2	38.8	5 000 *
41.1m (135 Ft.) BOOM			
6.7	82.8	43.1	5 000 *
7.0	82.4	43.0	5 000 *
8.0	81.0	42.9	5 000 *
9.0	79.6	42.7	5 000 *
10.0	78.2	42.5	5 000 *
12.0	75.4	42.0	5 000 *



Liftcrane Luffing Jib Intermediate Fall Capacities

Boom No. 260
Luffing Jib No. 222
28 710 kg Crane Counterweight
6 350 kg Crawler Frame Counterweight
6 807 mm Crawlers Extended
360 Degree Rating

European Standards
10 m/s Maximum Wind
15.2m and 18.2m Luffing Jib

7 m/s Maximum Wind
21.3m thru 45.7m Luffing Jib

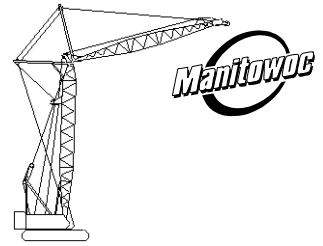
222 SERIES B
222EX SERIES B

33.5m (110 Ft.) Luffing Jib, Attached at 165 Degree Boom to Luffing Jib Angle

Oper. Rad. Meters	Boom Ang. Deg.	Intermediate Fall	
		Elev. Meters	Capacity Kilograms
16.8m (55 Ft.) BOOM			
3.7	82.7	18.9	10 200 *
4.0	81.6	18.8	10 200 *
4.5	79.9	18.7	10 200 *
5.0	78.2	18.6	10 200 *
5.5	76.5	18.5	10 200 *
6.0	74.8	18.4	10 200 *
7.0	71.3	18.0	10 200 *
8.0	67.8	17.6	10 200 *
9.0	64.1	17.1	10 200 *
10.0	60.4	16.6	10 200 *
12.0	52.3	15.2	7 300
19.8m (65 Ft.) BOOM			
4.0	82.9	21.9	10 200 *
4.5	81.4	21.8	10 200 *
5.0	80.0	21.7	10 200 *
5.5	78.6	21.6	10 200 *
6.0	77.1	21.5	10 200 *
7.0	74.2	21.2	10 200 *
8.0	71.3	20.9	10 200 *
9.0	68.2	20.5	10 200 *
10.0	65.2	20.0	10 200 *
12.0	58.7	18.9	7 900
22.9m (75 Ft.) BOOM			
4.6	82.4	24.9	10 200 *
5.0	81.3	24.8	10 200 *
5.5	80.1	24.8	10 200 *
6.0	78.8	24.6	10 200 *
7.0	76.3	24.4	10 200 *
8.0	73.8	24.1	10 200 *
9.0	71.2	23.8	10 200 *
10.0	68.6	23.4	10 200 *
12.0	63.2	22.4	8 000

Oper. Rad. Meters	Boom Ang. Deg.	Intermediate Fall	
		Elev. Meters	Capacity Kilograms
25.9m (85 Ft.) BOOM			
4.9	82.6	28.0	10 200 *
5.0	82.3	27.9	10 200 *
5.5	81.2	27.9	10 200 *
6.0	80.1	27.8	10 200 *
7.0	77.9	27.5	10 200 *
8.0	75.7	27.3	10 200 *
9.0	73.4	27.0	10 200 *
10.0	71.2	26.7	10 200 *
12.0	66.5	25.8	7 900
29.0m (95 Ft.) BOOM			
5.2	82.7	31.0	10 200 *
5.5	82.1	30.9	10 200 *
6.0	81.1	30.9	10 200 *
7.0	79.2	30.7	10 200 *
8.0	77.2	30.4	10 200 *
9.0	75.2	30.2	10 200 *
10.0	73.2	29.9	10 200 *
12.0	69.1	29.2	7 800
32.0m (105 Ft.) BOOM			
5.5	82.9	34.0	10 200 *
6.0	82.0	33.9	10 200 *
7.0	80.2	33.8	10 200 *
8.0	78.4	33.6	10 200 *
9.0	76.6	33.3	10 200 *
10.0	74.8	33.1	10 200 *
12.0	71.1	32.4	7 600

Oper. Rad. Meters	Boom Ang. Deg.	Intermediate Fall	
		Elev. Meters	Capacity Kilograms
35.1m (115 Ft.) BOOM			
6.1	82.5	37.0	5 000 *
7.0	81.0	36.9	5 000 *
8.0	79.4	36.7	5 000 *
9.0	77.8	36.5	5 000 *
10.0	76.1	36.2	5 000 *
12.0	72.8	35.6	5 000 *
38.1m (125 Ft.) BOOM			
6.7	82.2	40.0	5 000 *
7.0	81.8	40.0	5 000 *
8.0	80.3	39.8	5 000 *
9.0	78.7	39.6	5 000 *
10.0	77.2	39.4	5 000 *
12.0	74.2	38.8	5 000 *



Liftcrane Luffing Jib Intermediate Fall Capacities

Boom No. 260
Luffing Jib No. 222
28 710 kg Crane Counterweight
6 350 kg Crawler Frame Counterweight
6 807 mm Crawlers Extended
360 Degree Rating

European Standards	
10 m/s Maximum Wind	15.2m and 18.2m Luffing Jib
7 m/s Maximum Wind	21.3m thru 45.7m Luffing Jib

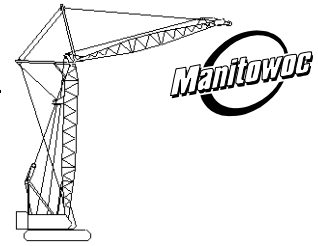
222 SERIES B
222EX SERIES B

36.6m (120 Ft.) Luffing Jib, Attached at 165 Degree Boom to Luffing Jib Angle

Oper. Rad. Meters	Boom Ang. Deg.	Intermediate Fall	
		Elev. Meters	Capacity Kilograms
16.8m (55 Ft.) BOOM			
3.7	82.7	18.9	10 200 *
4.0	81.6	18.8	10 200 *
4.5	79.9	18.7	10 200 *
5.0	78.2	18.6	10 200 *
5.5	76.5	18.5	10 200 *
6.0	74.8	18.4	10 200 *
7.0	71.3	18.0	10 200 *
8.0	67.8	17.6	10 200 *
9.0	64.1	17.1	10 200 *
10.0	60.4	16.6	10 000
12.0	52.3	15.2	6 000
19.8m (65 Ft.) BOOM			
4.0	82.9	21.9	10 200 *
4.5	81.4	21.8	10 200 *
5.0	80.0	21.7	10 200 *
5.5	78.6	21.6	10 200 *
6.0	77.1	21.5	10 200 *
7.0	74.2	21.2	10 200 *
8.0	71.3	20.9	10 200 *
9.0	68.2	20.5	10 200 *
10.0	65.2	20.0	10 200 *
12.0	58.7	18.9	6 500
22.9m (75 Ft.) BOOM			
4.6	82.4	24.9	10 200 *
5.0	81.3	24.8	10 200 *
5.5	80.1	24.8	10 200 *
6.0	78.8	24.6	10 200 *
7.0	76.3	24.4	10 200 *
8.0	73.8	24.1	10 200 *
9.0	71.2	23.8	10 200 *
10.0	68.6	23.4	10 200 *
12.0	63.2	22.4	6 800

Oper. Rad. Meters	Boom Ang. Deg.	Intermediate Fall	
		Elev. Meters	Capacity Kilograms
25.9m (85 Ft.) BOOM			
4.9	82.6	28.0	10 200 *
5.0	82.3	27.9	10 200 *
5.5	81.2	27.9	10 200 *
6.0	80.1	27.8	10 200 *
7.0	77.9	27.5	10 200 *
8.0	75.7	27.3	10 200 *
9.0	73.4	27.0	10 200 *
10.0	71.2	26.7	10 200 *
12.0	66.5	25.8	6 800
29.0m (95 Ft.) BOOM			
5.2	82.7	31.0	10 200 *
5.5	82.1	30.9	10 200 *
6.0	81.1	30.9	10 200 *
7.0	79.2	30.7	10 200 *
8.0	77.2	30.4	10 200 *
9.0	75.2	30.2	10 200 *
10.0	73.2	29.9	10 100
12.0	69.1	29.2	6 800
32.0m (105 Ft.) BOOM			
5.5	82.9	34.0	10 200 *
6.0	82.0	33.9	10 200 *
7.0	80.2	33.8	10 200 *
8.0	78.4	33.6	10 200 *
9.0	76.6	33.3	10 200 *
10.0	74.8	33.1	10 000
12.0	71.1	32.4	6 600

Oper. Rad. Meters	Boom Ang. Deg.	Intermediate Fall	
		Elev. Meters	Capacity Kilograms
35.1m (115 Ft.) BOOM			
6.1	82.5	37.0	5 000 *
7.0	81.0	36.9	5 000 *
8.0	79.4	36.7	5 000 *
9.0	77.8	36.5	5 000 *
10.0	76.1	36.2	5 000 *
12.0	72.8	35.6	5 000 *
38.1m (125 Ft.) BOOM			
6.7	82.2	40.0	5 000 *
7.0	81.8	40.0	5 000 *
8.0	80.3	39.8	5 000 *
9.0	78.7	39.6	5 000 *
10.0	77.2	39.4	5 000 *
12.0	74.2	38.8	5 000 *



Liftcrane Luffing Jib Intermediate Fall Capacities

Boom No. 260
Luffing Jib No. 222
28 710 kg Crane Counterweight
6 350 kg Crawler Frame Counterweight
6 807 mm Crawlers Extended
360 Degree Rating

European Standards
10 m/s Maximum Wind
15.2m and 18.2m Luffing Jib

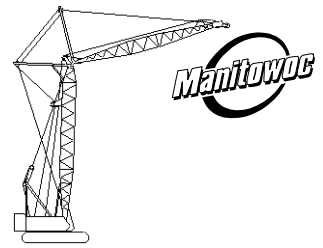
7 m/s Maximum Wind
21.3m thru 45.7m Luffing Jib

222 SERIES B
222EX SERIES B

39.6m (130 Ft.) Luffing Jib, Attached at 165 Degree Boom to Luffing Jib Angle

Oper. Rad. Meters	Boom Ang. Deg.	Intermediate Fall	
		Elev. Meters	Capacity Kilograms
16.8m (55 Ft.) BOOM			
3.7	82.7	18.9	10 200 *
4.0	81.6	18.8	10 200 *
4.5	79.9	18.7	10 200 *
5.0	78.2	18.6	10 200 *
5.5	76.5	18.5	10 200 *
6.0	74.8	18.4	10 200 *
7.0	71.3	18.0	10 200 *
8.0	67.8	17.6	10 200 *
9.0	64.1	17.1	10 200 *
10.0	60.4	16.6	9 100
19.8m (65 Ft.) BOOM			
4.0	82.9	21.9	10 200 *
4.5	81.4	21.8	10 200 *
5.0	80.0	21.7	10 200 *
5.5	78.6	21.6	10 200 *
6.0	77.1	21.5	10 200 *
7.0	74.2	21.2	10 200 *
8.0	71.3	20.9	10 200 *
9.0	68.2	20.5	10 200 *
10.0	65.2	20.0	9 500
22.9m (75 Ft.) BOOM			
4.6	82.4	24.9	10 200 *
5.0	81.3	24.8	10 200 *
5.5	80.1	24.8	10 200 *
6.0	78.8	24.6	10 200 *
7.0	76.3	24.4	10 200 *
8.0	73.8	24.1	10 200 *
9.0	71.2	23.8	10 200 *
10.0	68.6	23.4	9 500
25.9m (85 Ft.) BOOM			
4.9	82.6	28.0	10 200 *
5.0	82.3	27.9	10 200 *
5.5	81.2	27.9	10 200 *
6.0	80.1	27.8	10 200 *
7.0	77.9	27.5	10 200 *
8.0	75.7	27.3	10 200 *
9.0	73.4	27.0	10 200 *
10.0	71.2	26.7	9 500

Oper. Rad. Meters	Boom Ang. Deg.	Intermediate Fall	
		Elev. Meters	Capacity Kilograms
29.0m (95 Ft.) BOOM			
5.2	82.7	31.0	10 200 *
5.5	82.1	30.9	10 200 *
6.0	81.1	30.9	10 200 *
7.0	79.2	30.7	10 200 *
8.0	77.2	30.4	10 200 *
9.0	75.2	30.2	10 200 *
10.0	73.2	29.9	9 500
12.0	69.1	29.2	5 400
32.0m (105 Ft.) BOOM			
5.5	82.9	34.0	10 200 *
6.0	82.0	33.9	10 200 *
7.0	80.2	33.8	10 200 *
8.0	78.4	33.6	10 200 *
9.0	76.6	33.3	10 200 *
10.0	74.8	33.1	9 200
35.1m (115 Ft.) BOOM			
6.1	82.5	37.0	5 000 *
7.0	81.0	36.9	5 000 *
8.0	79.4	36.7	5 000 *
9.0	77.8	36.5	5 000 *
10.0	76.1	36.2	5 000 *
38.1m (125 Ft.) BOOM			
6.7	82.2	40.0	5 000 *
7.0	81.8	40.0	5 000 *
8.0	80.3	39.8	5 000 *
9.0	78.7	39.6	5 000 *
10.0	77.2	39.4	5 000 *



Liftcrane Luffing Jib Intermediate Fall Capacities

Boom No. 260
Luffing Jib No. 222
28 710 kg Crane Counterweight
6 350 kg Crawler Frame Counterweight
6 807 mm Crawlers Extended
360 Degree Rating

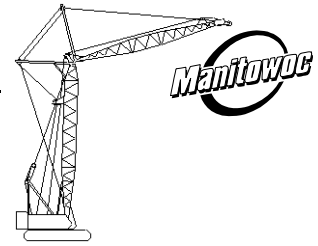
European Standards	
10 m/s Maximum Wind	15.2m and 18.2m Luffing Jib
7 m/s Maximum Wind	21.3m thru 45.7m Luffing Jib

222 SERIES B
222EX SERIES B

42.7m (140 Ft.) Luffing Jib, Attached at 165 Degree Boom to Luffing Jib Angle

Oper. Rad. Meters	Boom Ang. Deg.	Intermediate Fall	
		Elev. Meters	Capacity Kilograms
16.8m (55 Ft.) BOOM			
3.7	82.7	18.9	10 200 *
4.0	81.6	18.8	10 200 *
4.5	79.9	18.7	10 200 *
5.0	78.2	18.6	10 200 *
5.5	76.5	18.5	10 200 *
6.0	74.8	18.4	10 200 *
7.0	71.3	18.0	10 200 *
8.0	67.8	17.6	10 200 *
9.0	64.1	17.1	10 100
10.0	60.4	16.6	7 500
19.8m (65 Ft.) BOOM			
4.0	82.9	21.9	10 200 *
4.5	81.4	21.8	10 200 *
5.0	80.0	21.7	10 200 *
5.5	78.6	21.6	10 200 *
6.0	77.1	21.5	10 200 *
7.0	74.2	21.2	10 200 *
8.0	71.3	20.9	10 200 *
9.0	68.2	20.5	10 200 *
10.0	65.2	20.0	8 000
22.9m (75 Ft.) BOOM			
4.6	82.4	24.9	10 200 *
5.0	81.3	24.8	10 200 *
5.5	80.1	24.8	10 200 *
6.0	78.8	24.6	10 200 *
7.0	76.3	24.4	10 200 *
8.0	73.8	24.1	10 200 *
9.0	71.2	23.8	10 200 *
10.0	68.6	23.4	8 300
25.9m (85 Ft.) BOOM			
4.9	82.6	28.0	10 200 *
5.0	82.3	27.9	10 200 *
5.5	81.2	27.9	10 200 *
6.0	80.1	27.8	10 200 *
7.0	77.9	27.5	10 200 *
8.0	75.7	27.3	10 200 *
9.0	73.4	27.0	10 200 *
10.0	71.2	26.7	8 400

Oper. Rad. Meters	Boom Ang. Deg.	Intermediate Fall	
		Elev. Meters	Capacity Kilograms
29.0m (95 Ft.) BOOM			
5.2	82.7	31.0	10 200 *
5.5	82.1	30.9	10 200 *
6.0	81.1	30.9	10 200 *
7.0	79.2	30.7	10 200 *
8.0	77.2	30.4	10 200 *
9.0	75.2	30.2	10 200 *
10.0	73.2	29.9	8 300
32.0m (105 Ft.) BOOM			
5.5	82.9	34.0	10 200 *
6.0	82.0	33.9	10 200 *
7.0	80.2	33.8	10 200 *
8.0	78.4	33.6	10 200 *
9.0	76.6	33.3	10 200 *
10.0	74.8	33.1	8 100
35.1m (115 Ft.) BOOM			
6.1	82.5	37.0	5 000 *
7.0	81.0	36.9	5 000 *
8.0	79.4	36.7	5 000 *
9.0	77.8	36.5	5 000 *
10.0	76.1	36.2	5 000 *
38.1m (125 Ft.) BOOM			
6.7	82.2	40.0	5 000 *
7.0	81.8	40.0	5 000 *
8.0	80.3	39.8	5 000 *
9.0	78.7	39.6	5 000 *
10.0	77.2	39.4	5 000 *



Liftcrane Luffing Jib Intermediate Fall Capacities

Boom No. 260
Luffing Jib No. 222
28 710 kg Crane Counterweight
6 350 kg Crawler Frame Counterweight
6 807 mm Crawlers Extended
360 Degree Rating

European Standards
10 m/s Maximum Wind
15.2m and 18.2m Luffing Jib

7 m/s Maximum Wind
21.3m thru 45.7m Luffing Jib

222 SERIES B
222EX SERIES B

45.7m (150 Ft.) Luffing Jib, Attached at 165 Degree Boom to Luffing Jib Angle

Oper. Rad. Meters	Boom Ang. Deg.	Intermediate Fall	
		Elev. Meters	Capacity Kilograms
16.8m (55 Ft.) BOOM			
3.7	82.7	18.9	10 200 *
4.0	81.6	18.8	10 200 *
4.5	79.9	18.7	10 200 *
5.0	78.2	18.6	10 200 *
5.5	76.5	18.5	10 200 *
6.0	74.8	18.4	10 200 *
7.0	71.3	18.0	10 200 *
8.0	67.8	17.6	10 100
9.0	64.1	17.1	8 700
19.8m (65 Ft.) BOOM			
4.0	82.9	21.9	10 200 *
4.5	81.4	21.8	10 200 *
5.0	80.0	21.7	10 200 *
5.5	78.6	21.6	10 200 *
6.0	77.1	21.5	10 200 *
7.0	74.2	21.2	10 200 *
8.0	71.3	20.9	10 200 *
9.0	68.2	20.5	8 900
10.0	65.2	20.0	6 100
22.9m (75 Ft.) BOOM			
4.6	82.4	24.9	10 200 *
5.0	81.3	24.8	10 200 *
5.5	80.1	24.8	10 200 *
6.0	78.8	24.6	10 200 *
7.0	76.3	24.4	10 200 *
8.0	73.8	24.1	10 200 *
9.0	71.2	23.8	9 200
10.0	68.6	23.4	6 600

Oper. Rad. Meters	Boom Ang. Deg.	Intermediate Fall	
		Elev. Meters	Capacity Kilograms
25.9m (85 Ft.) BOOM			
4.9	82.6	28.0	10 200 *
5.0	82.3	27.9	10 200 *
5.5	81.2	27.9	10 200 *
6.0	80.1	27.8	10 200 *
7.0	77.9	27.5	10 200 *
8.0	75.7	27.3	10 200 *
9.0	73.4	27.0	9 200
10.0	71.2	26.7	6 700
29.0m (95 Ft.) BOOM			
5.2	82.7	31.0	10 200 *
5.5	82.1	30.9	10 200 *
6.0	81.1	30.9	10 200 *
7.0	79.2	30.7	10 200 *
8.0	77.2	30.4	10 200 *
9.0	75.2	30.2	9 200
10.0	73.2	29.9	6 700
32.0m (105 Ft.) BOOM			
5.5	82.9	34.0	10 200 *
6.0	82.0	33.9	10 200 *
7.0	80.2	33.8	10 200 *
8.0	78.4	33.6	10 200 *
9.0	76.6	33.3	9 000
10.0	74.8	33.1	6 600
35.1m (115 Ft.) BOOM			
6.1	82.5	37.0	5 000 *
7.0	81.0	36.9	5 000 *
8.0	79.4	36.7	5 000 *
9.0	77.8	36.5	5 000 *
10.0	76.1	36.2	5 000 *