

# Liftcrane Fixed Jib Capacities

# 777 SERIES 2

**Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
Luffing Jib No. 139 On Boom No. 78  
64 410 kg Crane Counterweight  
19 960 kg Carbody Counterweight  
360 Degree Rating**

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

**LIFTING CAPACITIES:** Lifting capacities for various boom lengths, boom angles, luffing jib lengths, luffing jib angles, fixed jib lengths, and fixed jib operating radii are for freely suspended loads and do not exceed 75% of a static tipping load. Capacities based on structural competence are denoted by an asterisk (\*).

Weight of all load blocks, hooks, weight ball, slings, hoist lines, etc., beneath boom, luffing jib point and fixed jib point sheaves, is considered part of fixed jib load. Boom, luffing jib and fixed jib are not to be lowered beyond radii where combined weights are greater than rated capacity. Where no capacity is shown, operation is not intended or approved.

**OPERATING CONDITIONS:** Machine to operate on a firm uniformly supporting surface with bearing turntable level within a tolerance of 13 mm in 3m. During operation, boom must be maintained at one of the selected angles shown in chart. Refer to fixed jib assembly **No. 179361**, luffing jib assembly **No. 179420**, Wire Rope Specification chart **No. 7984-B** and Luffing Jib Raising Procedure chart **No. 7986-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. 7987-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 7 544 mm crawlers, 965 mm or 1 219 mm treads, two 305 mm boom hoist cylinders, 7 925 mm mast, four 32 mm boom pendants, 7 part luffing jib hoist reeving, two 38 mm luffing jib pendants, two 35 mm luffing jib backstays, 64 410 kg crane counterweight and two 9 980 kg carbody counterweights.

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



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## 42.7m (140 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib, 9.1m (30 Ft.) Fixed Jib

Fixed Jib Oper. Radius Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
16.8	75.4	96.0	12 200 *							16.8
18.0	74.0	95.6	12 100 *							18.0
20.0	71.7	95.0	12 000 *							20.0
22.0	69.3	94.3	11 800 *							22.0
24.0	66.9	93.4	11 600 *							24.0
26.0	64.5	92.5	11 100 *	69.1	93.8	11 800 *				26.0
28.0	62.0	91.5	10 500 *	66.7	93.0	11 700 *				28.0
30.0	59.5	90.3	10 000 *	64.2	92.1	11 200 *				30.0
32.0	56.9	89.1	9 500 *	61.8	91.0	10 600 *				32.0
34.0	54.2	87.7	9 100 *	59.2	89.9	10 100 *				34.0
36.0	51.4	86.1	8 700 *	56.6	88.6	9 600 *				36.0
38.0	48.5	84.4	8 400 *	53.9	87.2	9 200 *				38.0
40.0	45.5	82.5	8 000 *	51.1	85.6	8 800 *				40.0
42.0	42.3	80.4	7 700 *	48.2	83.9	8 400 *				42.0
44.0	38.9	78.0	7 500 *	45.2	81.9	8 100 *				44.0
46.0	35.2	75.3	7 100 *	41.9	79.8	7 800 *	56.0	85.9	6 100	46.0
48.0	31.1	72.2	6 600 *	38.5	77.4	7 500 *	53.3	84.5	5 600	48.0
50.0	26.5	68.4	6 100 *	34.7	74.6	7 100 *	50.5	82.9	5 300	50.0
52.0	20.8	63.7	5 600 *	30.6	71.5	6 600 *	47.5	81.1	5 000	52.0
54.0	13.0	56.9	4 900 *	25.9	67.6	6 100 *	44.4	79.1	4 600	54.0
56.0				20.1	62.8	5 600 *	41.2	76.9	4 300	56.0
58.0							37.7	74.4	4 100	58.0
60.0							33.8	71.6	3 800	60.0
62.0							29.6	68.3	3 600	62.0
64.0							24.7	64.3	3 400	64.0



# Liftcrane Fixed Jib Capacities

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Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
 Luffing Jib No. 139 On Boom No. 78  
 64 410 kg Crane Counterweight  
 19 960 kg Carbody Counterweight  
 360 Degree Rating

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

## 42.7m (140 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib, 9.1m (30 Ft.) Fixed Jib

Fixed Jib Oper. Radius Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
18.3	74.6	98.7	11 800 *							18.3
20.0	72.7	98.2	11 700 *							20.0
22.0	70.5	97.5	11 600 *							22.0
24.0	68.3	96.7	11 400 *							24.0
26.0	66.0	95.9	10 900 *	70.3	97.1	11 100 *				26.0
28.0	63.7	94.9	10 300 *	68.0	96.3	11 000 *				28.0
30.0	61.4	93.8	9 800 *	65.8	95.4	10 900 *				30.0
32.0	59.0	92.7	9 300 *	63.5	94.5	10 400 *				32.0
34.0	56.5	91.4	8 900 *	61.1	93.4	9 900 *				34.0
36.0	53.9	90.0	8 600 *	58.7	92.2	9 400 *				36.0
38.0	51.3	88.4	8 200 *	56.2	90.9	9 000 *				38.0
40.0	48.6	86.7	7 900 *	53.6	89.5	8 600 *				40.0
42.0	45.7	84.8	7 600 *	51.0	87.9	8 300 *				42.0
44.0	42.7	82.7	7 400 *	48.3	86.2	8 000 *				44.0
46.0	39.5	80.4	7 100 *	45.4	84.3	7 700 *				46.0
48.0	36.1	77.7	6 600 *	42.4	82.1	7 400 *	55.6	88.2	5 600	48.0
50.0	32.3	74.7	6 000 *	39.1	79.8	7 000 *	53.0	86.8	5 200	50.0
52.0	28.1	71.2	5 600 *	35.7	77.1	6 500 *	50.4	85.2	4 900	52.0
54.0	23.2	67.0	5 200 *	31.9	74.1	6 100 *	47.6	83.4	4 600	54.0
56.0	17.1	61.4	4 700 *	27.6	70.5	5 600 *	44.7	81.4	4 300	56.0
58.0				22.6	66.1	5 100 *	41.6	79.3	4 000	58.0
60.0				16.2	60.3	4 700 *	38.4	76.8	3 800	60.0
62.0							34.8	74.1	3 500	62.0
64.0							30.9	70.9	3 300	64.0
68.0							21.3	62.6	2 900	68.0



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 Luffing Jib No. 139 On Boom No. 78  
 64 410 kg Crane Counterweight  
 19 960 kg Carbody Counterweight  
 360 Degree Rating

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

## 42.7m (140 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib, 9.1m (30 Ft.) Fixed Jib

Fixed Jib Oper. Radius Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
18.3	75.4	101.9	10 700 *							18.3
20.0	73.6	101.4	10 500 *							20.0
22.0	71.6	100.7	10 300 *							22.0
24.0	69.5	100.0	10 200 *							24.0
26.0	67.4	99.2	10 000 *							26.0
28.0	65.2	98.3	9 800 *	69.2	99.6	9 800 *				28.0
30.0	63.0	97.3	9 600 *	67.1	98.8	9 700 *				30.0
32.0	60.8	96.2	9 200 *	65.0	97.9	9 600 *				32.0
34.0	58.5	95.0	8 800 *	62.7	96.9	9 400 *				34.0
36.0	56.1	93.7	8 400 *	60.5	95.8	9 200 *				36.0
38.0	53.7	92.3	8 100 *	58.2	94.6	8 800 *				38.0
40.0	51.2	90.7	7 800 *	55.8	93.2	8 500 *				40.0
42.0	48.6	89.0	7 500 *	53.4	91.8	8 100 *				42.0
44.0	45.9	87.1	7 300 *	50.9	90.2	7 800 *				44.0
46.0	43.1	85.0	7 000 *	48.3	88.5	7 600 *				46.0
48.0	40.1	82.7	6 400 *	45.6	86.6	7 300 *				48.0
50.0	36.9	80.2	6 000 *	42.7	84.5	6 800 *	55.3	90.5	5 000	50.0
52.0	33.4	77.3	5 500 *	39.7	82.1	6 400 *	52.8	89.1	4 700	52.0
54.0	29.6	74.0	5 100 *	36.5	79.5	5 900 *	50.3	87.5	4 400	54.0
56.0	25.2	70.0	4 700 *	33.0	76.6	5 500 *	47.7	85.7	4 100	56.0
58.0	20.0	65.1	4 300 *	29.1	73.2	5 100 *	44.9	83.7	3 800	58.0
60.0	12.8	58.0	3 800 *	24.7	69.2	4 700 *	42.0	81.6	3 600	60.0
62.0				19.3	64.1	4 300 *	39.0	79.2	3 400	62.0
64.0				11.7	56.6	3 900 *	35.7	76.5	3 100	64.0
68.0							28.1	70.0	2 700	68.0
72.0							17.8	60.3	2 400	72.0

# Liftcrane Fixed Jib Capacities

# 777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
 Luffing Jib No. 139 On Boom No. 78  
 64 410 kg Crane Counterweight  
 19 960 kg Carbody Counterweight  
 360 Degree Rating

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

## 42.7m (140 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib, 9.1m (30 Ft.) Fixed Jib

Fixed Jib Oper. Radius Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
19.8	74.7	104.6	9 400 *							19.8
20.0	74.5	104.6	9 400 *							20.0
22.0	72.5	104.0	9 200 *							22.0
24.0	70.5	103.3	9 100 *							24.0
26.0	68.5	102.5	9 000 *							26.0
28.0	66.5	101.7	8 700 *	70.3	102.9	8 700 *				28.0
30.0	64.4	100.7	8 600 *	68.3	102.1	8 600 *				30.0
32.0	62.3	99.7	8 500 *	66.3	101.2	8 500 *				32.0
34.0	60.2	98.6	8 300 *	64.2	100.3	8 400 *				34.0
36.0	58.0	97.4	8 100 *	62.1	99.3	8 300 *				36.0
38.0	55.8	96.0	7 900 *	60.0	98.1	8 100 *				38.0
40.0	53.5	94.6	7 600 *	57.8	96.9	8 000 *				40.0
42.0	51.1	93.0	7 300 *	55.5	95.6	7 800 *				42.0
44.0	48.6	91.3	7 000 *	53.2	94.1	7 600 *				44.0
46.0	46.0	89.4	6 800 *	50.8	92.5	7 300 *				46.0
48.0	43.4	87.4	6 300 *	48.3	90.8	7 000 *				48.0
50.0	40.5	85.1	5 800 *	45.8	88.9	6 700 *				50.0
52.0	37.5	82.6	5 400 *	43.1	86.8	6 200 *	55.0	92.9	4 600	52.0
54.0	34.3	79.8	5 000 *	40.2	84.5	5 800 *	52.7	91.4	4 200	54.0
56.0	30.8	76.6	4 600 *	37.2	82.0	5 400 *	50.2	89.8	4 000	56.0
58.0	26.8	72.9	4 200 *	33.9	79.1	4 900 *	47.7	88.0	3 700	58.0
60.0	22.3	68.4	3 800 *	30.4	75.9	4 600 *	45.1	86.1	3 500	60.0
62.0	16.5	62.6	3 500 *	26.4	72.1	4 200 *	42.4	83.9	3 200	62.0
64.0	6.8	52.4	2 700 *	21.7	67.5	3 900 *	39.5	81.6	3 000	64.0
68.0							33.1	76.1	2 600	68.0
72.0							25.4	68.8	2 300	72.0
76.0							14.0	57.3	2 000	76.0



# Liftcrane Fixed Jib Capacities

# 777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
 Luffing Jib No. 139 On Boom No. 78  
 64 410 kg Crane Counterweight  
 19 960 kg Carbody Counterweight  
 360 Degree Rating

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

## 42.7m (140 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib, 12.2m (40 Ft.) Fixed Jib

Fixed Jib Oper. Radius Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
18.3	75.0	98.7	10 100 *							18.3
20.0	73.1	98.2	10 000 *							20.0
22.0	70.9	97.5	9 800 *							22.0
24.0	68.7	96.7	9 700 *							24.0
26.0	66.4	95.9	9 500 *	70.7	97.1	9 800 *				26.0
28.0	64.1	94.9	8 900 *	68.4	96.3	9 700 *				28.0
30.0	61.8	93.8	8 500 *	66.2	95.4	9 500 *				30.0
32.0	59.4	92.7	8 100 *	63.9	94.5	9 000 *				32.0
34.0	56.9	91.4	7 700 *	61.5	93.4	8 600 *				34.0
36.0	54.3	89.9	7 400 *	59.1	92.2	8 100 *				36.0
38.0	51.7	88.4	7 000 *	56.6	90.9	7 800 *				38.0
40.0	49.0	86.7	6 700 *	54.1	89.5	7 400 *				40.0
42.0	46.1	84.8	6 500 *	51.4	87.9	7 100 *				42.0
44.0	43.1	82.7	6 200 *	48.7	86.1	6 800 *				44.0
46.0	39.9	80.4	6 000 *	45.8	84.2	6 500 *				46.0
48.0	36.5	77.7	5 800 *	42.8	82.1	6 300 *	56.0	88.2	5 700	48.0
50.0	32.7	74.7	5 600 *	39.5	79.7	6 100 *	53.5	86.7	5 300	50.0
52.0	28.5	71.2	5 500 *	36.1	77.1	5 900 *	50.8	85.1	5 000	52.0
54.0	23.6	66.9	5 300 *	32.3	74.0	5 600 *	48.0	83.4	4 700	54.0
56.0	17.4	61.3	4 900 *	28.0	70.4	5 500 *	45.1	81.4	4 400	56.0
58.0				23.0	66.1	5 300 *	42.0	79.2	4 100	58.0
60.0				16.6	60.2	4 900 *	38.8	76.8	3 900	60.0
62.0							35.2	74.1	3 600	62.0
64.0							31.3	70.9	3 400	64.0
68.0							21.7	62.5	3 000	68.0

# Liftcrane Fixed Jib Capacities

# 777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
Luffing Jib No. 139 On Boom No. 78  
64 410 kg Crane Counterweight  
19 960 kg Carbody Counterweight  
360 Degree Rating

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

## 42.7m (140 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib, 12.2m (40 Ft.) Fixed Jib

Fixed Jib Oper. Radius Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
18.3	75.8	101.9	9 900 *							18.3
20.0	74.0	101.4	9 800 *							20.0
22.0	72.0	100.7	9 600 *							22.0
24.0	69.9	100.0	9 500 *							24.0
26.0	67.7	99.2	9 200 *							26.0
28.0	65.6	98.3	8 800 *	69.6	99.6	9 500 *				28.0
30.0	63.4	97.3	8 300 *	67.5	98.8	9 300 *				30.0
32.0	61.1	96.2	7 900 *	65.3	97.9	8 800 *				32.0
34.0	58.9	95.0	7 500 *	63.1	96.8	8 400 *				34.0
36.0	56.5	93.7	7 200 *	60.9	95.7	8 000 *				36.0
38.0	54.1	92.3	6 900 *	58.6	94.5	7 600 *				38.0
40.0	51.6	90.7	6 700 *	56.2	93.2	7 300 *				40.0
42.0	49.0	89.0	6 400 *	53.8	91.8	7 000 *				42.0
44.0	46.3	87.1	6 100 *	51.3	90.2	6 700 *				44.0
46.0	43.4	85.0	6 000 *	48.7	88.4	6 400 *				46.0
48.0	40.4	82.7	5 700 *	46.0	86.5	6 200 *				48.0
50.0	37.2	80.2	5 600 *	43.1	84.4	6 000 *	55.7	90.5	5 300	50.0
52.0	33.8	77.3	5 400 *	40.1	82.1	5 800 *	53.2	89.1	4 900	52.0
54.0	29.9	73.9	5 200 *	36.9	79.5	5 600 *	50.7	87.4	4 600	54.0
56.0	25.6	70.0	5 000 *	33.3	76.6	5 400 *	48.1	85.7	4 300	56.0
58.0	20.3	65.0	4 600 *	29.5	73.2	5 200 *	45.3	83.7	4 100	58.0
60.0	13.1	58.0	4 000 *	25.0	69.1	4 900 *	42.4	81.6	3 800	60.0
62.0				19.6	64.1	4 500 *	39.4	79.2	3 600	62.0
64.0				12.0	56.5	4 200 *	36.1	76.5	3 400	64.0
68.0							28.5	70.0	2 900	68.0
72.0							18.2	60.3	2 600	72.0



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 64 410 kg Crane Counterweight  
 19 960 kg Carbody Counterweight  
 360 Degree Rating

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

## 42.7m (140 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib, 12.2m (40 Ft.) Fixed Jib

Fixed Jib Oper. Radius Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
19.8	75.0	104.6	9 300 *							19.8
20.0	74.9	104.5	9 300 *							20.0
22.0	72.9	103.9	9 100 *							22.0
24.0	70.9	103.2	9 000 *							24.0
26.0	68.9	102.5	8 800 *							26.0
28.0	66.9	101.6	8 600 *							28.0
30.0	64.8	100.7	8 100 *	68.7	102.1	8 500 *				30.0
32.0	62.7	99.7	7 800 *	66.7	101.2	8 400 *				32.0
34.0	60.6	98.6	7 400 *	64.6	100.3	8 200 *				34.0
36.0	58.4	97.3	7 100 *	62.5	99.2	7 800 *				36.0
38.0	56.1	96.0	6 800 *	60.3	98.1	7 500 *				38.0
40.0	53.8	94.6	6 500 *	58.1	96.9	7 100 *				40.0
42.0	51.4	93.0	6 300 *	55.9	95.5	6 800 *				42.0
44.0	49.0	91.3	6 100 *	53.6	94.1	6 600 *				44.0
46.0	46.4	89.4	5 900 *	51.2	92.5	6 300 *				46.0
48.0	43.7	87.3	5 600 *	48.7	90.7	6 100 *				48.0
50.0	40.9	85.1	5 500 *	46.1	88.9	5 900 *				50.0
52.0	37.9	82.6	5 300 *	43.4	86.8	5 700 *	55.4	92.8	4 700	52.0
54.0	34.7	79.8	5 100 *	40.6	84.5	5 500 *	53.0	91.4	4 400	54.0
56.0	31.1	76.6	4 800 *	37.5	81.9	5 300 *	50.6	89.7	4 200	56.0
58.0	27.2	72.9	4 500 *	34.3	79.1	5 200 *	48.1	88.0	3 900	58.0
60.0	22.6	68.4	4 100 *	30.7	75.9	4 800 *	45.5	86.0	3 600	60.0
62.0	16.8	62.5	3 700 *	26.7	72.1	4 400 *	42.8	83.9	3 400	62.0
64.0	7.1	52.3	2 900 *	22.0	67.5	4 100 *	39.9	81.6	3 200	64.0
68.0							33.5	76.0	2 800	68.0
72.0							25.7	68.7	2 500	72.0
76.0							14.3	57.2	2 100	76.0



# Liftcrane Fixed Jib Capacities

# 777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
Luffing Jib No. 139 On Boom No. 78  
64 410 kg Crane Counterweight  
19 960 kg Carbody Counterweight  
360 Degree Rating

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

## 42.7m (140 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib, 12.2m (40 Ft.) Fixed Jib

Fixed Jib Oper. Radius Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
19.8	75.8	107.8	8 400 *							19.8
20.0	75.6	107.7	8 400 *							20.0
22.0	73.7	107.1	8 300 *							22.0
24.0	71.9	106.5	8 200 *							24.0
26.0	70.0	105.8	8 000 *							26.0
28.0	68.0	105.0	7 900 *							28.0
30.0	66.1	104.1	7 700 *	69.8	105.3	7 700 *				30.0
32.0	64.1	103.1	7 500 *	67.8	104.5	7 600 *				32.0
34.0	62.1	102.1	7 200 *	65.9	103.6	7 500 *				34.0
36.0	60.1	100.9	6 900 *	63.9	102.7	7 400 *				36.0
38.0	58.0	99.7	6 600 *	61.9	101.6	7 300 *				38.0
40.0	55.8	98.3	6 400 *	59.8	100.5	7 000 *				40.0
42.0	53.6	96.9	6 200 *	57.7	99.2	6 700 *				42.0
44.0	51.3	95.3	5 900 *	55.6	97.9	6 400 *				44.0
46.0	49.0	93.6	5 700 *	53.3	96.4	6 200 *				46.0
48.0	46.5	91.7	5 600 *	51.1	94.8	6 000 *				48.0
50.0	44.0	89.7	5 400 *	48.7	93.0	5 800 *				50.0
52.0	41.3	87.4	5 200 *	46.3	91.2	5 600 *	57.2	96.5	4 600	52.0
54.0	38.5	85.0	5 100 *	43.7	89.1	5 400 *	55.1	95.2	4 300	54.0
56.0	35.5	82.2	4 700 *	41.0	86.8	5 300 *	52.8	93.7	4 000	56.0
58.0	32.2	79.2	4 300 *	38.2	84.4	5 100 *	50.5	92.0	3 700	58.0
60.0	28.6	75.6	4 000 *	35.1	81.6	4 700 *	48.2	90.3	3 500	60.0
62.0	24.5	71.5	3 700 *	31.8	78.5	4 300 *	45.7	88.3	3 300	62.0
64.0	19.6	66.3	3 400 *	28.2	74.9	4 000 *	43.1	86.2	3 100	64.0
68.0				18.9	65.3	3 400 *	37.5	81.4	2 700	68.0
72.0							31.0	75.3	2 300	72.0
76.0							22.9	67.2	2 000	76.0



# Liftcrane Fixed Jib Capacities

# 777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
 Luffing Jib No. 139 On Boom No. 78  
 64 410 kg Crane Counterweight  
 19 960 kg Carbody Counterweight  
 360 Degree Rating

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

## 42.7m (140 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib, 15.2m (50 Ft.) Fixed Jib

Fixed Jib Oper. Radius Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
18.3	75.9	101.9	8 700 *							18.3
20.0	74.1	101.4	8 500 *							20.0
22.0	72.1	100.7	8 400 *							22.0
24.0	70.0	100.0	8 300 *							24.0
26.0	67.8	99.2	8 100 *							26.0
28.0	65.7	98.3	7 900 *	69.7	99.6	8 300 *				28.0
30.0	63.5	97.3	7 500 *	67.6	98.8	8 100 *				30.0
32.0	61.2	96.2	7 100 *	65.4	97.9	8 000 *				32.0
34.0	58.9	95.0	6 800 *	63.2	96.9	7 600 *				34.0
36.0	56.6	93.7	6 500 *	61.0	95.7	7 200 *				36.0
38.0	54.2	92.3	6 200 *	58.7	94.5	6 800 *				38.0
40.0	51.7	90.7	5 900 *	56.3	93.2	6 500 *				40.0
42.0	49.1	89.0	5 700 *	53.9	91.8	6 200 *				42.0
44.0	46.4	87.1	5 500 *	51.4	90.2	6 000 *				44.0
46.0	43.5	85.0	5 200 *	48.8	88.5	5 700 *				46.0
48.0	40.5	82.7	5 100 *	46.1	86.5	5 500 *				48.0
50.0	37.3	80.2	4 900 *	43.2	84.5	5 300 *	55.8	90.5	5 400	50.0
52.0	33.9	77.3	4 700 *	40.2	82.1	5 100 *	53.3	89.1	5 000	52.0
54.0	30.0	73.9	4 600 *	36.9	79.5	4 900 *	50.8	87.4	4 700	54.0
56.0	25.7	70.0	4 500 *	33.4	76.6	4 700 *	48.2	85.7	4 400	56.0
58.0	20.4	65.0	4 300 *	29.6	73.2	4 600 *	45.4	83.7	4 200	58.0
60.0	13.2	58.0	4 100 *	25.1	69.2	4 400 *	42.5	81.6	3 900	60.0
62.0				19.7	64.1	4 300 *	39.5	79.2	3 700	62.0
64.0				12.1	56.6	4 300 *	36.2	76.5	3 400	64.0
68.0							28.6	70.0	3 000	68.0
72.0							18.3	60.3	2 700	72.0

# Liftcrane Fixed Jib Capacities

# 777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
Luffing Jib No. 139 On Boom No. 78  
64 410 kg Crane Counterweight  
19 960 kg Carbody Counterweight  
360 Degree Rating

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

## 42.7m (140 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib, 15.2m (50 Ft.) Fixed Jib

Fixed Jib Oper. Radius Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
19.8	75.1	104.6	8 400 *							19.8
20.0	74.9	104.5	8 400 *							20.0
22.0	73.0	103.9	8 300 *							22.0
24.0	71.0	103.3	8 100 *							24.0
26.0	69.0	102.5	8 000 *							26.0
28.0	67.0	101.6	7 800 *							28.0
30.0	64.9	100.7	7 400 *	68.8	102.1	7 700 *				30.0
32.0	62.8	99.7	7 000 *	66.7	101.2	7 600 *				32.0
34.0	60.7	98.6	6 700 *	64.7	100.3	7 500 *				34.0
36.0	58.5	97.3	6 300 *	62.6	99.2	7 000 *				36.0
38.0	56.2	96.0	6 100 *	60.4	98.1	6 700 *				38.0
40.0	53.9	94.6	5 800 *	58.2	96.9	6 400 *				40.0
42.0	51.5	93.0	5 600 *	56.0	95.5	6 100 *				42.0
44.0	49.1	91.3	5 400 *	53.7	94.1	5 900 *				44.0
46.0	46.5	89.4	5 200 *	51.3	92.5	5 600 *				46.0
48.0	43.8	87.3	5 000 *	48.8	90.8	5 400 *				48.0
50.0	41.0	85.1	4 800 *	46.2	88.9	5 200 *				50.0
52.0	38.0	82.6	4 700 *	43.5	86.8	5 000 *	55.4	92.8	5 000	52.0
54.0	34.8	79.8	4 500 *	40.7	84.5	4 800 *	53.1	91.4	4 600	54.0
56.0	31.2	76.6	4 400 *	37.6	81.9	4 700 *	50.7	89.7	4 300	56.0
58.0	27.3	72.9	4 300 *	34.4	79.1	4 500 *	48.2	88.0	4 100	58.0
60.0	22.7	68.4	4 100 *	30.8	75.9	4 400 *	45.6	86.0	3 800	60.0
62.0	16.9	62.5	3 900 *	26.8	72.1	4 300 *	42.9	83.9	3 600	62.0
64.0	7.2	52.3	3 200 *	22.1	67.5	4 200 *	40.0	81.6	3 400	64.0
68.0							33.6	76.0	3 000	68.0
72.0							25.8	68.7	2 600	72.0
76.0							14.4	57.2	2 300	76.0



# Liftcrane Fixed Jib Capacities

# 777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
 Luffing Jib No. 139 On Boom No. 78  
 64 410 kg Crane Counterweight  
 19 960 kg Carbody Counterweight  
 360 Degree Rating

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

## 42.7m (140 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib, 15.2m (50 Ft.) Fixed Jib

Fixed Jib Oper. Radius Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
19.8	75.9	107.8	7 900 *							19.8
20.0	75.7	107.7	7 900 *							20.0
22.0	73.8	107.1	7 700 *							22.0
24.0	71.9	106.5	7 600 *							24.0
26.0	70.1	105.8	7 400 *							26.0
28.0	68.1	105.0	7 300 *							28.0
30.0	66.2	104.1	7 200 *	69.8	105.3	7 200 *				30.0
32.0	64.2	103.1	6 800 *	67.9	104.5	7 100 *				32.0
34.0	62.2	102.1	6 500 *	66.0	103.7	7 000 *				34.0
36.0	60.1	100.9	6 200 *	64.0	102.7	6 900 *				36.0
38.0	58.0	99.7	6 000 *	62.0	101.6	6 600 *				38.0
40.0	55.9	98.3	5 700 *	59.9	100.5	6 300 *				40.0
42.0	53.7	96.9	5 500 *	57.8	99.2	6 000 *				42.0
44.0	51.4	95.3	5 300 *	55.6	97.9	5 700 *				44.0
46.0	49.1	93.6	5 100 *	53.4	96.4	5 500 *				46.0
48.0	46.6	91.7	4 900 *	51.2	94.8	5 300 *				48.0
50.0	44.1	89.7	4 700 *	48.8	93.1	5 100 *				50.0
52.0	41.4	87.4	4 600 *	46.3	91.2	4 900 *	57.3	96.5	4 800	52.0
54.0	38.6	85.0	4 400 *	43.8	89.1	4 800 *	55.1	95.2	4 500	54.0
56.0	35.6	82.2	4 300 *	41.1	86.8	4 600 *	52.9	93.7	4 200	56.0
58.0	32.3	79.2	4 200 *	38.2	84.4	4 500 *	50.6	92.0	3 900	58.0
60.0	28.7	75.6	4 100 *	35.2	81.6	4 400 *	48.2	90.3	3 700	60.0
62.0	24.6	71.5	3 900 *	31.9	78.5	4 200 *	45.8	88.3	3 500	62.0
64.0	19.6	66.3	3 600 *	28.2	74.9	4 100 *	43.2	86.2	3 200	64.0
68.0				19.0	65.3	3 600 *	37.6	81.4	2 800	68.0
72.0							31.1	75.3	2 500	72.0
76.0							23.0	67.2	2 100	76.0

# Liftcrane Fixed Jib Capacities

# 777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
Luffing Jib No. 139 On Boom No. 78  
64 410 kg Crane Counterweight  
19 960 kg Carbody Counterweight  
360 Degree Rating

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

## 42.7m (140 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib, 15.2m (50 Ft.) Fixed Jib

Fixed Jib Oper. Radius Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
21.3	75.2	110.5	7 200 *							21.3
22.0	74.6	110.3	7 200 *							22.0
24.0	72.8	109.7	7 000 *							24.0
26.0	71.0	109.0	6 900 *							26.0
28.0	69.2	108.3	6 800 *							28.0
30.0	67.3	107.4	6 600 *							30.0
32.0	65.5	106.5	6 500 *	69.0	107.8	6 500 *				32.0
34.0	63.6	105.5	6 400 *	67.1	107.0	6 500 *				34.0
36.0	61.6	104.4	6 100 *	65.2	106.1	6 400 *				36.0
38.0	59.7	103.3	5 800 *	63.3	105.1	6 300 *				38.0
40.0	57.7	102.0	5 600 *	61.4	104.0	6 100 *				40.0
42.0	55.6	100.7	5 400 *	59.4	102.8	5 900 *				42.0
44.0	53.5	99.2	5 200 *	57.4	101.5	5 600 *				44.0
46.0	51.3	97.6	5 000 *	55.4	100.2	5 400 *				46.0
48.0	49.1	95.9	4 800 *	53.2	98.7	5 200 *				48.0
50.0	46.7	94.0	4 600 *	51.1	97.1	5 000 *				50.0
52.0	44.3	92.0	4 500 *	48.8	95.4	4 800 *				52.0
54.0	41.8	89.8	4 400 *	46.5	93.5	4 700 *	56.9	98.9	4 300	54.0
56.0	39.1	87.4	4 200 *	44.0	91.4	4 500 *	54.9	97.5	4 000	56.0
58.0	36.3	84.7	4 100 *	41.5	89.2	4 400 *	52.7	96.0	3 800	58.0
60.0	33.2	81.7	4 000 *	38.8	86.8	4 300 *	50.5	94.3	3 600	60.0
62.0	29.9	78.4	3 800 *	35.9	84.1	4 200 *	48.3	92.6	3 300	62.0
64.0	26.2	74.5	3 500 *	32.9	81.0	4 000 *	45.9	90.7	3 100	64.0
68.0	16.4	63.7	2 900 *	25.7	73.6	3 500 *	40.9	86.3	2 700	68.0
72.0				15.6	62.5	2 900 *	35.2	81.0	2 400	72.0
76.0							28.7	74.4	2 000	76.0



# Liftcrane Fixed Jib Capacities

# 777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
 Luffing Jib No. 139 On Boom No. 78  
 64 410 kg Crane Counterweight  
 19 960 kg Carbody Counterweight  
 360 Degree Rating

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

## 42.7m (140 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib, 18.3m (60 Ft.) Fixed Jib

Fixed Jib Oper. Radius Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
19.8	74.9	104.6	7 100 *							19.8
20.0	74.8	104.6	7 100 *							20.0
22.0	72.8	104.0	6 900 *							22.0
24.0	70.8	103.3	6 700 *							24.0
26.0	68.8	102.5	6 500 *							26.0
28.0	66.8	101.7	6 300 *							28.0
30.0	64.7	100.7	6 200 *	68.6	102.1	6 400 *				30.0
32.0	62.6	99.7	6 000 *	66.5	101.2	6 200 *				32.0
34.0	60.5	98.6	5 900 *	64.5	100.3	6 100 *				34.0
36.0	58.3	97.4	5 700 *	62.4	99.3	5 900 *				36.0
38.0	56.0	96.0	5 600 *	60.2	98.1	5 800 *				38.0
40.0	53.7	94.6	5 300 *	58.0	96.9	5 700 *				40.0
42.0	51.3	93.0	5 100 *	55.8	95.6	5 500 *				42.0
44.0	48.9	91.3	4 900 *	53.5	94.1	5 400 *				44.0
46.0	46.3	89.4	4 700 *	51.1	92.5	5 100 *				46.0
48.0	43.6	87.4	4 500 *	48.6	90.8	4 900 *				48.0
50.0	40.8	85.1	4 400 *	46.0	88.9	4 700 *				50.0
52.0	37.8	82.6	4 200 *	43.3	86.8	4 600 *	55.3	92.9	5 000	52.0
54.0	34.6	79.8	4 100 *	40.5	84.5	4 400 *	52.9	91.4	4 700	54.0
56.0	31.1	76.6	3 900 *	37.5	82.0	4 200 *	50.5	89.8	4 400	56.0
58.0	27.1	72.9	3 800 *	34.2	79.1	4 100 *	48.0	88.0	4 200	58.0
60.0	22.5	68.4	3 700 *	30.6	75.9	4 000 *	45.4	86.1	3 900	60.0
62.0	16.8	62.6	3 600 *	26.6	72.1	3 800 *	42.7	83.9	3 700	62.0
64.0	7.1	52.4	3 300 *	22.0	67.5	3 700 *	39.8	81.6	3 500	64.0
68.0							33.4	76.1	3 100	68.0
72.0							25.6	68.8	2 700	72.0
76.0							14.2	57.3	2 400	76.0



# Liftcrane Fixed Jib Capacities

# 777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
 Luffing Jib No. 139 On Boom No. 78  
 64 410 kg Crane Counterweight  
 19 960 kg Carbody Counterweight  
 360 Degree Rating

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

## 42.7m (140 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib, 18.3m (60 Ft.) Fixed Jib

Fixed Jib Oper. Radius Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
19.8	75.7	107.8	6 800 *							19.8
20.0	75.5	107.7	6 800 *							20.0
22.0	73.6	107.1	6 600 *							22.0
24.0	71.8	106.5	6 500 *							24.0
26.0	69.9	105.8	6 300 *							26.0
28.0	67.9	105.0	6 100 *							28.0
30.0	66.0	104.1	6 000 *	69.7	105.4	6 100 *				30.0
32.0	64.0	103.1	5 800 *	67.7	104.6	6 000 *				32.0
34.0	62.0	102.1	5 700 *	65.8	103.7	5 900 *				34.0
36.0	60.0	100.9	5 600 *	63.8	102.7	5 700 *				36.0
38.0	57.9	99.7	5 400 *	61.8	101.6	5 600 *				38.0
40.0	55.7	98.4	5 300 *	59.7	100.5	5 500 *				40.0
42.0	53.5	96.9	5 000 *	57.6	99.2	5 400 *				42.0
44.0	51.2	95.3	4 800 *	55.5	97.9	5 300 *				44.0
46.0	48.9	93.6	4 600 *	53.3	96.4	5 000 *				46.0
48.0	46.4	91.7	4 500 *	51.0	94.8	4 900 *				48.0
50.0	43.9	89.7	4 300 *	48.6	93.1	4 600 *				50.0
52.0	41.2	87.5	4 200 *	46.2	91.2	4 500 *	57.1	96.6	5 000	52.0
54.0	38.4	85.0	4 000 *	43.6	89.1	4 300 *	55.0	95.2	4 600	54.0
56.0	35.4	82.3	3 900 *	40.9	86.9	4 200 *	52.7	93.7	4 400	56.0
58.0	32.1	79.2	3 800 *	38.1	84.4	4 000 *	50.4	92.1	4 100	58.0
60.0	28.5	75.7	3 600 *	35.0	81.6	3 900 *	48.1	90.3	3 800	60.0
62.0	24.4	71.5	3 500 *	31.7	78.5	3 800 *	45.6	88.4	3 600	62.0
64.0	19.5	66.4	3 400 *	28.1	74.9	3 700 *	43.0	86.3	3 400	64.0
68.0				18.8	65.4	3 500 *	37.4	81.4	3 000	68.0
72.0							30.9	75.4	2 600	72.0
76.0							22.8	67.2	2 300	76.0



# Liftcrane Fixed Jib Capacities

# 777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
 Luffing Jib No. 139 On Boom No. 78  
 64 410 kg Crane Counterweight  
 19 960 kg Carbody Counterweight  
 360 Degree Rating

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

## 42.7m (140 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib, 18.3m (60 Ft.) Fixed Jib

Fixed Jib Oper. Radius Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
21.3	75.0	110.5	6 300 *							21.3
22.0	74.4	110.3	6 300 *							22.0
24.0	72.6	109.7	6 200 *							24.0
26.0	70.8	109.0	6 000 *							26.0
28.0	69.0	108.3	5 900 *							28.0
30.0	67.2	107.4	5 700 *							30.0
32.0	65.3	106.5	5 600 *	68.8	107.9	5 700 *				32.0
34.0	63.4	105.5	5 500 *	66.9	107.0	5 600 *				34.0
36.0	61.5	104.5	5 400 *	65.1	106.1	5 500 *				36.0
38.0	59.5	103.3	5 300 *	63.2	105.1	5 400 *				38.0
40.0	57.5	102.0	5 100 *	61.2	104.0	5 300 *				40.0
42.0	55.4	100.7	5 000 *	59.3	102.8	5 200 *				42.0
44.0	53.3	99.2	4 700 *	57.2	101.6	5 100 *				44.0
46.0	51.1	97.6	4 600 *	55.2	100.2	5 000 *				46.0
48.0	48.9	95.9	4 400 *	53.1	98.7	4 800 *				48.0
50.0	46.6	94.0	4 200 *	50.9	97.1	4 600 *				50.0
52.0	44.1	92.0	4 100 *	48.6	95.4	4 400 *				52.0
54.0	41.6	89.8	3 900 *	46.3	93.5	4 200 *	56.8	98.9	4 500	54.0
56.0	38.9	87.4	3 800 *	43.9	91.4	4 100 *	54.7	97.5	4 200	56.0
58.0	36.1	84.7	3 700 *	41.3	89.2	4 000 *	52.6	96.0	3 900	58.0
60.0	33.1	81.7	3 600 *	38.6	86.8	3 800 *	50.4	94.4	3 700	60.0
62.0	29.7	78.4	3 500 *	35.8	84.1	3 700 *	48.1	92.6	3 500	62.0
64.0	26.0	74.5	3 400 *	32.7	81.1	3 600 *	45.7	90.7	3 200	64.0
68.0	16.2	63.8	3 100 *	25.5	73.7	3 400 *	40.7	86.3	2 900	68.0
72.0				15.5	62.6	3 200 *	35.1	81.1	2 500	72.0
76.0							28.5	74.4	2 200	76.0
80.0							20.0	65.2	1 900	80.0



# Liftcrane Fixed Jib Capacities

# 777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
Luffing Jib No. 139 On Boom No. 78  
64 410 kg Crane Counterweight  
19 960 kg Carbody Counterweight  
360 Degree Rating

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

## 42.7m (140 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib, 18.3m (60 Ft.) Fixed Jib

Fixed Jib Oper. Radius Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
21.3	75.7	113.7	6 000 *							21.3
22.0	75.1	113.5	5 900 *							22.0
24.0	73.4	112.9	5 800 *							24.0
26.0	71.7	112.3	5 700 *							26.0
28.0	70.0	111.5	5 600 *							28.0
30.0	68.2	110.7	5 500 *							30.0
32.0	66.4	109.9	5 300 *	69.8	111.1	5 400 *				32.0
34.0	64.6	108.9	5 200 *	68.0	110.3	5 300 *				34.0
36.0	62.8	107.9	5 100 *	66.2	109.5	5 200 *				36.0
38.0	60.9	106.8	5 000 *	64.4	108.5	5 100 *				38.0
40.0	59.1	105.6	4 900 *	62.6	107.5	5 100 *				40.0
42.0	57.1	104.4	4 800 *	60.7	106.4	5 000 *				42.0
44.0	55.1	103.0	4 600 *	58.8	105.2	4 900 *				44.0
46.0	53.1	101.5	4 500 *	56.9	103.9	4 800 *				46.0
48.0	51.0	99.9	4 300 *	54.9	102.5	4 700 *				48.0
50.0	48.9	98.2	4 100 *	52.9	101.0	4 500 *				50.0
52.0	46.7	96.3	4 000 *	50.8	99.4	4 300 *				52.0
54.0	44.4	94.3	3 900 *	48.6	97.7	4 200 *				54.0
56.0	42.0	92.2	3 700 *	46.4	95.8	4 000 *	56.5	101.2	4 000	56.0
58.0	39.4	89.8	3 600 *	44.1	93.8	3 900 *	54.5	99.8	3 800	58.0
60.0	36.8	87.2	3 500 *	41.7	91.6	3 800 *	52.4	98.3	3 600	60.0
62.0	33.9	84.3	3 400 *	39.1	89.2	3 700 *	50.3	96.7	3 300	62.0
64.0	30.8	81.0	3 300 *	36.4	86.5	3 500 *	48.1	94.9	3 100	64.0
68.0	23.5	73.0	3 100 *	30.4	80.3	3 300 *	43.6	90.9	2 700	68.0
72.0	12.6	60.2	2 400 *	23.0	72.1	3 100 *	38.5	86.2	2 400	72.0
76.0				11.6	58.8	2 500 *	32.9	80.5	2 100	76.0



# Liftcrane Fixed Jib Capacities

# 777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
 Luffing Jib No. 139 On Boom No. 78  
 64 410 kg Crane Counterweight  
 19 960 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, 42.7m (140 Ft.) Luffing Jib, 9.1m (30 Ft.) Fixed Jib

Fixed Jib Oper. Radius Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
16.8	75.6	102.1	12 000 *							16.8
18.0	74.2	101.8	11 900 *							18.0
20.0	71.9	101.1	11 800 *							20.0
22.0	69.6	100.4	11 600 *							22.0
24.0	67.2	99.6	11 500 *							24.0
26.0	64.8	98.7	11 100 *	69.9	100.2	11 700 *				26.0
28.0	62.3	97.7	10 500 *	67.6	99.4	11 600 *				28.0
30.0	59.8	96.5	10 000 *	65.1	98.5	11 400 *				30.0
32.0	57.2	95.3	9 600 *	62.7	97.5	10 800 *				32.0
34.0	54.5	93.9	9 200 *	60.2	96.4	10 300 *				34.0
36.0	51.7	92.4	8 800 *	57.6	95.1	9 800 *				36.0
38.0	48.9	90.7	8 400 *	54.9	93.8	9 400 *				38.0
40.0	45.8	88.8	8 100 *	52.2	92.2	9 000 *				40.0
42.0	42.7	86.7	7 800 *	49.3	90.6	8 600 *				42.0
44.0	39.3	84.4	7 400 *	46.3	88.7	8 200 *				44.0
46.0	35.6	81.7	7 000 *	43.2	86.7	7 600 *				46.0
48.0	31.6	78.6	6 500 *	39.8	84.4	7 100 *	56.1	91.7	5 100	48.0
50.0	27.0	75.0	6 100 *	36.2	81.8	6 600 *	53.4	90.2	4 800	50.0
52.0	21.5	70.4	5 700 *	32.2	78.7	6 200 *	50.6	88.7	4 500	52.0
54.0	14.1	64.0	5 000 *	27.7	75.2	5 900 *	47.6	86.9	4 200	54.0
56.0				22.4	70.8	5 500 *	44.6	84.9	3 900	56.0
58.0				15.4	64.8	5 100 *	41.3	82.7	3 600	58.0
60.0							37.8	80.3	3 400	60.0
62.0							34.0	77.4	3 200	62.0
64.0							29.8	74.2	2 900	64.0
68.0							18.8	65.1	2 600	68.0

# Liftcrane Fixed Jib Capacities

# 777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
 Luffing Jib No. 139 On Boom No. 78  
 64 410 kg Crane Counterweight  
 19 960 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, 45.7m (150 Ft.) Luffing Jib, 9.1m (30 Ft.) Fixed Jib

Fixed Jib Oper. Radius Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
18.3	74.8	104.9	11 300 *							18.3
20.0	72.9	104.4	11 200 *							20.0
22.0	70.8	103.7	11 100 *							22.0
24.0	68.5	102.9	10 900 *							24.0
26.0	66.3	102.1	10 700 *							26.0
28.0	64.0	101.1	10 300 *	68.9	102.7	10 500 *				28.0
30.0	61.6	100.1	9 800 *	66.6	101.8	10 400 *				30.0
32.0	59.2	98.9	9 400 *	64.3	100.9	10 400 *				32.0
34.0	56.8	97.6	9 000 *	62.0	99.9	10 100 *				34.0
36.0	54.2	96.2	8 600 *	59.6	98.7	9 600 *				36.0
38.0	51.6	94.7	8 300 *	57.1	97.5	9 200 *				38.0
40.0	48.9	93.0	7 900 *	54.6	96.1	8 800 *				40.0
42.0	46.0	91.1	7 600 *	52.0	94.6	8 400 *				42.0
44.0	43.0	89.0	7 200 *	49.3	92.9	8 100 *				44.0
46.0	39.9	86.7	6 800 *	46.5	91.0	7 500 *				46.0
48.0	36.5	84.1	6 400 *	43.5	89.0	7 000 *				48.0
50.0	32.7	81.2	6 100 *	40.4	86.7	6 600 *	55.7	94.0	4 700	50.0
52.0	28.6	77.7	5 700 *	37.0	84.2	6 100 *	53.2	92.6	4 400	52.0
54.0	23.8	73.6	5 200 *	33.3	81.3	5 800 *	50.5	91.0	4 100	54.0
56.0	17.8	68.2	4 800 *	29.3	77.9	5 400 *	47.7	89.2	3 800	56.0
58.0				24.6	73.9	5 100 *	44.8	87.2	3 600	58.0
60.0				18.8	68.7	4 700 *	41.8	85.1	3 300	60.0
62.0				10.3	60.7	4 300 *	38.5	82.7	3 100	62.0
64.0							35.0	79.9	2 900	64.0
68.0							26.8	73.1	2 500	68.0
72.0							14.7	62.2	2 200	72.0



# Liftcrane Fixed Jib Capacities

# 777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
 Luffing Jib No. 139 On Boom No. 78  
 64 410 kg Crane Counterweight  
 19 960 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, 48.8m (160 Ft.) Luffing Jib, 9.1m (30 Ft.) Fixed Jib

Fixed Jib Oper. Radius Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
18.3	75.6	108.0	10 200 *							18.3
20.0	73.9	107.5	10 100 *							20.0
22.0	71.8	106.9	9 900 *							22.0
24.0	69.7	106.2	9 800 *							24.0
26.0	67.6	105.4	9 600 *							26.0
28.0	65.4	104.5	9 500 *	70.0	105.9	9 300 *				28.0
30.0	63.2	103.5	9 200 *	67.9	105.1	9 300 *				30.0
32.0	61.0	102.4	8 900 *	65.8	104.3	9 200 *				32.0
34.0	58.7	101.2	8 500 *	63.6	103.3	9 100 *				34.0
36.0	56.4	99.9	8 200 *	61.3	102.2	9 000 *				36.0
38.0	53.9	98.5	7 900 *	59.1	101.1	8 900 *				38.0
40.0	51.5	97.0	7 600 *	56.7	99.8	8 600 *				40.0
42.0	48.9	95.3	7 200 *	54.3	98.4	8 300 *				42.0
44.0	46.2	93.4	6 900 *	51.8	96.9	7 800 *				44.0
46.0	43.4	91.4	6 600 *	49.3	95.2	7 300 *				46.0
48.0	40.4	89.1	6 300 *	46.6	93.3	6 800 *				48.0
50.0	37.2	86.6	6 000 *	43.8	91.3	6 400 *				50.0
52.0	33.8	83.7	5 500 *	40.8	89.1	5 900 *	55.4	96.3	4 200	52.0
54.0	30.0	80.4	5 100 *	37.7	86.6	5 500 *	52.9	94.9	3 900	54.0
56.0	25.7	76.6	4 700 *	34.3	83.8	5 200 *	50.4	93.3	3 600	56.0
58.0	20.6	71.8	4 300 *	30.6	80.6	4 800 *	47.8	91.5	3 400	58.0
60.0	13.7	65.1	3 800 *	26.4	76.8	4 500 *	45.1	89.6	3 100	60.0
62.0				21.4	72.2	4 200 *	42.2	87.4	2 900	62.0
64.0				15.0	65.9	3 900 *	39.1	85.0	2 700	64.0
68.0							32.3	79.4	2 400	68.0
72.0							23.7	71.7	2 000	72.0

# Liftcrane Fixed Jib Capacities

# 777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
Luffing Jib No. 139 On Boom No. 78  
64 410 kg Crane Counterweight  
19 960 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, 9.1m (30 Ft.) Fixed Jib

Fixed Jib Oper. Radius Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
19.8	74.9	110.8	9 000 *							19.8
20.0	74.7	110.7	9 000 *							20.0
22.0	72.7	110.1	8 900 *							22.0
24.0	70.8	109.4	8 700 *							24.0
26.0	68.8	108.7	8 600 *							26.0
28.0	66.7	107.8	8 400 *							28.0
30.0	64.7	106.9	8 300 *	69.1	108.4	8 200 *				30.0
32.0	62.6	105.9	8 200 *	67.0	107.6	8 200 *				32.0
34.0	60.4	104.8	7 900 *	65.0	106.7	8 100 *				34.0
36.0	58.2	103.6	7 700 *	62.9	105.7	8 000 *				36.0
38.0	56.0	102.3	7 400 *	60.8	104.6	7 800 *				38.0
40.0	53.7	100.8	7 100 *	58.6	103.4	7 800 *				40.0
42.0	51.3	99.3	6 800 *	56.4	102.1	7 700 *				42.0
44.0	48.9	97.6	6 600 *	54.1	100.7	7 500 *				44.0
46.0	46.3	95.7	6 300 *	51.7	99.2	7 100 *				46.0
48.0	43.7	93.7	6 000 *	49.3	97.5	6 700 *				48.0
50.0	40.8	91.5	5 700 *	46.7	95.6	6 200 *				50.0
52.0	37.9	89.0	5 400 *	44.1	93.6	5 800 *	57.3	100.0	4 100	52.0
54.0	34.7	86.2	5 000 *	41.3	91.4	5 400 *	55.1	98.7	3 800	54.0
56.0	31.2	83.1	4 600 *	38.3	89.0	5 000 *	52.8	97.2	3 500	56.0
58.0	27.3	79.4	4 200 *	35.2	86.3	4 700 *	50.3	95.6	3 300	58.0
60.0	22.8	75.0	3 900 *	31.7	83.2	4 400 *	47.9	93.8	3 000	60.0
62.0	17.2	69.4	3 500 *	27.9	79.6	4 100 *	45.3	91.9	2 800	62.0
64.0	8.4	60.2	2 800 *	23.5	75.4	3 800 *	42.5	89.8	2 600	64.0
68.0				10.3	61.8	3 100 *	36.6	84.8	2 200	68.0
72.0							29.7	78.6	1 900	72.0



# Liftcrane Fixed Jib Capacities

# 777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
 Luffing Jib No. 139 On Boom No. 78  
 64 410 kg Crane Counterweight  
 19 960 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, 42.7m (140 Ft.) Luffing Jib, 12.2m (40 Ft.) Fixed Jib

Fixed Jib Oper. Radius Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
18.3	75.2	104.8	10 000 *							18.3
20.0	73.4	104.3	9 800 *							20.0
22.0	71.2	103.7	9 700 *							22.0
24.0	68.9	102.9	9 600 *							24.0
26.0	66.7	102.0	9 400 *							26.0
28.0	64.4	101.1	9 000 *	69.3	102.7	9 600 *				28.0
30.0	62.0	100.0	8 500 *	67.0	101.8	9 500 *				30.0
32.0	59.6	98.9	8 100 *	64.7	100.9	9 200 *				32.0
34.0	57.2	97.6	7 800 *	62.4	99.8	8 700 *				34.0
36.0	54.6	96.2	7 400 *	60.0	98.7	8 300 *				36.0
38.0	52.0	94.7	7 100 *	57.5	97.4	7 900 *				38.0
40.0	49.3	93.0	6 800 *	55.0	96.1	7 600 *				40.0
42.0	46.4	91.1	6 500 *	52.4	94.5	7 200 *				42.0
44.0	43.4	89.0	6 300 *	49.7	92.9	6 900 *				44.0
46.0	40.3	86.7	6 000 *	46.9	91.0	6 700 *				46.0
48.0	36.9	84.1	5 900 *	43.9	89.0	6 400 *				48.0
50.0	33.1	81.2	5 600 *	40.8	86.7	6 200 *	56.1	94.0	4 800	50.0
52.0	29.0	77.7	5 500 *	37.4	84.2	6 000 *	53.6	92.5	4 500	52.0
54.0	24.2	73.5	5 200 *	33.7	81.3	5 800 *	50.9	90.9	4 200	54.0
56.0	18.2	68.1	4 900 *	29.7	77.9	5 600 *	48.1	89.2	3 900	56.0
58.0				25.0	73.9	5 200 *	45.2	87.2	3 700	58.0
60.0				19.2	68.7	4 900 *	42.2	85.1	3 400	60.0
62.0				10.6	60.6	4 400 *	38.9	82.6	3 200	62.0
64.0							35.4	79.9	3 000	64.0
68.0							27.1	73.1	2 600	68.0
72.0							15.1	62.2	2 300	72.0



# Liftcrane Fixed Jib Capacities

# 777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
 Luffing Jib No. 139 On Boom No. 78  
 64 410 kg Crane Counterweight  
 19 960 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, 45.7m (150 Ft.) Luffing Jib, 12.2m (40 Ft.) Fixed Jib

Fixed Jib Oper. Radius Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
18.3	76.0	108.0	9 700 *							18.3
20.0	74.3	107.5	9 600 *							20.0
22.0	72.2	106.9	9 500 *							22.0
24.0	70.1	106.2	9 400 *							24.0
26.0	68.0	105.4	9 200 *							26.0
28.0	65.8	104.5	8 800 *	70.4	105.9	9 200 *				28.0
30.0	63.6	103.5	8 300 *	68.3	105.1	9 100 *				30.0
32.0	61.4	102.4	7 900 *	66.1	104.3	9 000 *				32.0
34.0	59.1	101.2	7 600 *	64.0	103.3	8 600 *				34.0
36.0	56.7	99.9	7 200 *	61.7	102.2	8 100 *				36.0
38.0	54.3	98.5	7 000 *	59.4	101.0	7 800 *				38.0
40.0	51.8	97.0	6 700 *	57.1	99.8	7 400 *				40.0
42.0	49.3	95.3	6 400 *	54.7	98.4	7 100 *				42.0
44.0	46.6	93.4	6 200 *	52.2	96.8	6 800 *				44.0
46.0	43.7	91.3	6 000 *	49.7	95.2	6 500 *				46.0
48.0	40.8	89.1	5 800 *	47.0	93.3	6 300 *				48.0
50.0	37.6	86.5	5 600 *	44.2	91.3	6 100 *				50.0
52.0	34.1	83.7	5 400 *	41.2	89.1	5 900 *	55.8	96.3	4 400	52.0
54.0	30.4	80.4	5 200 *	38.1	86.6	5 700 *	53.3	94.8	4 100	54.0
56.0	26.1	76.5	4 900 *	34.7	83.8	5 500 *	50.8	93.2	3 800	56.0
58.0	20.9	71.7	4 600 *	31.0	80.6	5 100 *	48.2	91.5	3 600	58.0
60.0	14.0	65.0	4 100 *	26.8	76.8	4 800 *	45.4	89.5	3 400	60.0
62.0				21.8	72.2	4 500 *	42.6	87.4	3 100	62.0
64.0				15.3	65.9	4 300 *	39.5	85.0	2 900	64.0
68.0							32.7	79.3	2 600	68.0
72.0							24.1	71.7	2 200	72.0
76.0							9.9	57.8	1 900	76.0



# Liftcrane Fixed Jib Capacities

# 777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
 Luffing Jib No. 139 On Boom No. 78  
 64 410 kg Crane Counterweight  
 19 960 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, 48.8m (160 Ft.) Luffing Jib, 12.2m (40 Ft.) Fixed Jib

Fixed Jib Oper. Radius Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
19.8	75.2	110.8	8 900 *							19.8
20.0	75.1	110.7	8 900 *							20.0
22.0	73.1	110.1	8 800 *							22.0
24.0	71.1	109.4	8 700 *							24.0
26.0	69.1	108.7	8 500 *							26.0
28.0	67.1	107.8	8 400 *							28.0
30.0	65.0	106.9	8 200 *	69.4	108.4	8 200 *				30.0
32.0	62.9	105.9	7 800 *	67.4	107.6	8 100 *				32.0
34.0	60.8	104.8	7 400 *	65.4	106.7	8 000 *				34.0
36.0	58.6	103.6	7 100 *	63.3	105.7	7 900 *				36.0
38.0	56.4	102.3	6 800 *	61.1	104.6	7 600 *				38.0
40.0	54.1	100.8	6 600 *	59.0	103.4	7 300 *				40.0
42.0	51.7	99.3	6 300 *	56.7	102.1	7 000 *				42.0
44.0	49.2	97.6	6 100 *	54.4	100.7	6 700 *				44.0
46.0	46.7	95.7	5 900 *	52.1	99.1	6 400 *				46.0
48.0	44.0	93.7	5 700 *	49.6	97.5	6 200 *				48.0
50.0	41.2	91.4	5 500 *	47.1	95.6	6 000 *				50.0
52.0	38.2	88.9	5 300 *	44.4	93.6	5 800 *	57.7	100.0	4 200	52.0
54.0	35.0	86.2	5 100 *	41.6	91.4	5 600 *	55.4	98.6	3 900	54.0
56.0	31.5	83.0	4 800 *	38.7	89.0	5 300 *	53.1	97.2	3 700	56.0
58.0	27.6	79.4	4 500 *	35.5	86.2	4 900 *	50.7	95.5	3 400	58.0
60.0	23.1	75.0	4 200 *	32.1	83.2	4 600 *	48.2	93.8	3 200	60.0
62.0	17.5	69.3	3 800 *	28.3	79.6	4 300 *	45.6	91.8	3 000	62.0
64.0	8.7	60.1	3 000 *	23.9	75.4	4 000 *	42.9	89.7	2 800	64.0
68.0				10.6	61.7	3 400 *	37.0	84.8	2 400	68.0
72.0							30.0	78.6	2 100	72.0
76.0							21.0	69.8	1 800	76.0



# Liftcrane Fixed Jib Capacities

# 777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
Luffing Jib No. 139 On Boom No. 78  
64 410 kg Crane Counterweight  
19 960 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. Radius Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
19.8	76.0	113.9	8 100 *							19.8
20.0	75.8	113.9	8 100 *							20.0
22.0	73.9	113.3	8 000 *							22.0
24.0	72.1	112.6	7 800 *							24.0
26.0	70.2	111.9	7 700 *							26.0
28.0	68.3	111.1	7 600 *							28.0
30.0	66.3	110.3	7 500 *							30.0
32.0	64.3	109.3	7 300 *	68.5	110.9	7 300 *				32.0
34.0	62.3	108.3	7 200 *	66.6	110.0	7 200 *				34.0
36.0	60.3	107.1	6 900 *	64.6	109.1	7 100 *				36.0
38.0	58.2	105.9	6 700 *	62.6	108.1	7 100 *				38.0
40.0	56.0	104.6	6 400 *	60.6	107.0	7 000 *				40.0
42.0	53.8	103.1	6 200 *	58.5	105.7	6 800 *				42.0
44.0	51.6	101.6	6 000 *	56.4	104.4	6 500 *				44.0
46.0	49.2	99.9	5 700 *	54.2	103.0	6 300 *				46.0
48.0	46.8	98.0	5 600 *	51.9	101.4	6 100 *				48.0
50.0	44.3	96.0	5 400 *	49.6	99.8	5 900 *				50.0
52.0	41.6	93.8	5 200 *	47.2	97.9	5 600 *				52.0
54.0	38.8	91.3	5 000 *	44.7	95.9	5 400 *	57.3	102.3	3 800	54.0
56.0	35.8	88.6	4 700 *	42.0	93.8	5 100 *	55.2	101.0	3 500	56.0
58.0	32.6	85.6	4 400 *	39.2	91.4	4 700 *	52.9	99.5	3 300	58.0
60.0	29.0	82.1	4 000 *	36.3	88.7	4 400 *	50.6	97.8	3 100	60.0
62.0	24.9	78.1	3 700 *	33.1	85.7	4 100 *	48.3	96.1	2 800	62.0
64.0	20.1	73.0	3 400 *	29.6	82.3	3 900 *	45.8	94.2	2 600	64.0
68.0				20.9	73.5	3 400 *	40.5	89.8	2 300	68.0
72.0							34.5	84.4	2 000	72.0



# Liftcrane Fixed Jib Capacities

# 777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
 Luffing Jib No. 139 On Boom No. 78  
 64 410 kg Crane Counterweight  
 19 960 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, 42.7m (140 Ft.) Luffing Jib, 15.2m (50 Ft.) Fixed Jib

Fixed Jib Oper. Radius Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
19.8	74.5	107.6	8 400 *							19.8
20.0	74.4	107.5	8 400 *							20.0
22.0	72.3	106.9	8 300 *							22.0
24.0	70.2	106.2	8 200 *							24.0
26.0	68.1	105.4	8 000 *							26.0
28.0	65.9	104.5	7 900 *							28.0
30.0	63.7	103.5	7 600 *	68.4	105.1	8 000 *				30.0
32.0	61.5	102.4	7 200 *	66.2	104.3	7 900 *				32.0
34.0	59.2	101.2	6 800 *	64.1	103.3	7 700 *				34.0
36.0	56.8	99.9	6 500 *	61.8	102.2	7 400 *				36.0
38.0	54.4	98.5	6 200 *	59.5	101.1	7 000 *				38.0
40.0	51.9	97.0	6 000 *	57.2	99.8	6 600 *				40.0
42.0	49.4	95.3	5 700 *	54.8	98.4	6 400 *				42.0
44.0	46.7	93.4	5 500 *	52.3	96.8	6 100 *				44.0
46.0	43.8	91.3	5 300 *	49.8	95.2	5 900 *				46.0
48.0	40.9	89.1	5 100 *	47.1	93.3	5 600 *				48.0
50.0	37.7	86.5	4 900 *	44.3	91.3	5 400 *				50.0
52.0	34.2	83.7	4 700 *	41.3	89.1	5 200 *	55.9	96.3	4 500	52.0
54.0	30.5	80.4	4 600 *	38.2	86.6	5 000 *	53.4	94.8	4 200	54.0
56.0	26.2	76.5	4 500 *	34.8	83.8	4 800 *	50.9	93.2	3 900	56.0
58.0	21.0	71.7	4 300 *	31.1	80.6	4 700 *	48.3	91.5	3 700	58.0
60.0	14.1	65.0	4 100 *	26.9	76.8	4 500 *	45.5	89.5	3 500	60.0
62.0				21.9	72.2	4 400 *	42.6	87.4	3 200	62.0
64.0				15.4	65.9	4 300 *	39.6	85.0	3 000	64.0
68.0							32.8	79.3	2 700	68.0
72.0							24.2	71.7	2 300	72.0
76.0							10.0	57.8	2 000	76.0

# Liftcrane Fixed Jib Capacities

# 777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
Luffing Jib No. 139 On Boom No. 78  
64 410 kg Crane Counterweight  
19 960 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, 45.7m (150 Ft.) Luffing Jib, 15.2m (50 Ft.) Fixed Jib

Fixed Jib Oper. Radius Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
19.8	75.3	110.8	8 200 *							19.8
20.0	75.2	110.7	8 200 *							20.0
22.0	73.2	110.1	8 100 *							22.0
24.0	71.2	109.4	7 900 *							24.0
26.0	69.2	108.7	7 800 *							26.0
28.0	67.2	107.8	7 600 *							28.0
30.0	65.1	106.9	7 400 *	69.5	108.4	7 600 *				30.0
32.0	63.0	105.9	7 000 *	67.5	107.6	7 400 *				32.0
34.0	60.9	104.8	6 700 *	65.4	106.7	7 300 *				34.0
36.0	58.7	103.6	6 400 *	63.4	105.7	7 200 *				36.0
38.0	56.5	102.3	6 100 *	61.2	104.6	6 900 *				38.0
40.0	54.2	100.8	5 800 *	59.0	103.4	6 600 *				40.0
42.0	51.8	99.3	5 600 *	56.8	102.1	6 300 *				42.0
44.0	49.3	97.6	5 400 *	54.5	100.7	6 000 *				44.0
46.0	46.8	95.7	5 200 *	52.2	99.1	5 700 *				46.0
48.0	44.1	93.7	5 000 *	49.7	97.5	5 500 *				48.0
50.0	41.3	91.4	4 800 *	47.2	95.6	5 300 *				50.0
52.0	38.3	88.9	4 700 *	44.5	93.6	5 100 *	57.8	100.0	4 400	52.0
54.0	35.1	86.2	4 500 *	41.7	91.4	4 900 *	55.5	98.6	4 100	54.0
56.0	31.6	83.0	4 400 *	38.8	89.0	4 700 *	53.2	97.2	3 900	56.0
58.0	27.7	79.4	4 300 *	35.6	86.2	4 600 *	50.8	95.5	3 600	58.0
60.0	23.2	75.0	4 100 *	32.2	83.2	4 500 *	48.3	93.8	3 400	60.0
62.0	17.6	69.3	4 000 *	28.4	79.6	4 300 *	45.7	91.8	3 200	62.0
64.0	8.8	60.1	3 300 *	24.0	75.4	4 200 *	43.0	89.7	3 000	64.0
68.0				10.7	61.7	3 600 *	37.0	84.8	2 600	68.0
72.0							30.1	78.6	2 300	72.0
76.0							21.1	69.8	2 000	76.0



# Liftcrane Fixed Jib Capacities

# 777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
 Luffing Jib No. 139 On Boom No. 78  
 64 410 kg Crane Counterweight  
 19 960 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, 48.8m (160 Ft.) Luffing Jib, 15.2m (50 Ft.) Fixed Jib

Fixed Jib Oper. Radius Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
21.3	74.6	113.5	7 500 *							21.3
22.0	74.0	113.3	7 500 *							22.0
24.0	72.1	112.6	7 400 *							24.0
26.0	70.3	111.9	7 200 *							26.0
28.0	68.3	111.1	7 100 *							28.0
30.0	66.4	110.3	7 000 *							30.0
32.0	64.4	109.3	6 900 *	68.6	110.9	6 900 *				32.0
34.0	62.4	108.3	6 500 *	66.7	110.0	6 800 *				34.0
36.0	60.4	107.1	6 200 *	64.7	109.1	6 700 *				36.0
38.0	58.3	105.9	6 000 *	62.7	108.1	6 600 *				38.0
40.0	56.1	104.6	5 800 *	60.7	107.0	6 400 *				40.0
42.0	53.9	103.1	5 500 *	58.6	105.7	6 100 *				42.0
44.0	51.7	101.6	5 300 *	56.5	104.4	5 900 *				44.0
46.0	49.3	99.9	5 100 *	54.3	103.0	5 600 *				46.0
48.0	46.9	98.0	4 900 *	52.0	101.4	5 400 *				48.0
50.0	44.4	96.0	4 800 *	49.7	99.8	5 200 *				50.0
52.0	41.7	93.8	4 600 *	47.3	97.9	5 000 *				52.0
54.0	38.9	91.3	4 500 *	44.7	95.9	4 800 *				54.0
56.0	35.9	88.6	4 300 *	42.1	93.8	4 700 *	55.2	101.0	3 700	56.0
58.0	32.7	85.6	4 200 *	39.3	91.4	4 600 *	53.0	99.5	3 400	58.0
60.0	29.1	82.1	4 100 *	36.4	88.7	4 400 *	50.7	97.8	3 200	60.0
62.0	25.0	78.1	3 900 *	33.2	85.7	4 300 *	48.3	96.1	3 000	62.0
64.0	20.2	73.0	3 600 *	29.7	82.3	4 100 *	45.9	94.2	2 800	64.0
68.0				21.0	73.5	3 600 *	40.6	89.8	2 500	68.0
72.0							34.6	84.4	2 100	72.0
76.0							27.5	77.5	1 800	76.0



# Liftcrane Fixed Jib Capacities

# 777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
 Luffing Jib No. 139 On Boom No. 78  
 64 410 kg Crane Counterweight  
 19 960 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, 15.2m (50 Ft.) Fixed Jib

Fixed Jib Oper. Radius Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
21.3	75.4	116.7	7 000 *							21.3
22.0	74.8	116.5	6 900 *							22.0
24.0	73.0	115.9	6 800 *							24.0
26.0	71.2	115.2	6 700 *							26.0
28.0	69.4	114.4	6 600 *							28.0
30.0	67.5	113.6	6 500 *							30.0
32.0	65.7	112.7	6 300 *	69.6	114.2	6 300 *				32.0
34.0	63.8	111.7	6 200 *	67.8	113.4	6 300 *				34.0
36.0	61.8	110.7	6 100 *	65.9	112.5	6 200 *				36.0
38.0	59.9	109.5	5 900 *	64.1	111.5	6 100 *				38.0
40.0	57.9	108.3	5 600 *	62.1	110.5	6 000 *				40.0
42.0	55.8	106.9	5 400 *	60.2	109.3	5 900 *				42.0
44.0	53.7	105.4	5 200 *	58.2	108.1	5 700 *				44.0
46.0	51.5	103.9	5 000 *	56.1	106.7	5 500 *				46.0
48.0	49.3	102.2	4 800 *	54.0	105.3	5 300 *				48.0
50.0	47.0	100.3	4 700 *	51.9	103.7	5 100 *				50.0
52.0	44.6	98.3	4 500 *	49.6	102.1	4 900 *				52.0
54.0	42.1	96.1	4 400 *	47.3	100.2	4 700 *				54.0
56.0	39.4	93.7	4 200 *	45.0	98.3	4 600 *				56.0
58.0	36.6	91.1	4 100 *	42.4	96.1	4 400 *	55.0	103.3	3 300	58.0
60.0	33.6	88.1	4 000 *	39.8	93.7	4 300 *	52.8	101.8	3 100	60.0
62.0	30.3	84.8	3 900 *	37.0	91.1	4 200 *	50.6	100.1	2 900	62.0
64.0	26.6	81.0	3 500 *	34.0	88.2	3 900 *	48.4	98.4	2 700	64.0
68.0	17.0	70.5	3 000 *	27.2	81.2	3 400 *	43.6	94.4	2 300	68.0
72.0				17.9	71.2	3 000 *	38.3	89.6	2 000	72.0



# Liftcrane Fixed Jib Capacities

# 777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
 Luffing Jib No. 139 On Boom No. 78  
 64 410 kg Crane Counterweight  
 19 960 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, 42.7m (140 Ft.) Luffing Jib, 18.3m (60 Ft.) Fixed Jib

Fixed Jib Oper. Radius Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
19.8	75.1	110.8	6 900 *							19.8
20.0	75.0	110.7	6 900 *							20.0
22.0	73.0	110.1	6 800 *							22.0
24.0	71.0	109.4	6 600 *							24.0
26.0	69.0	108.7	6 400 *							26.0
28.0	67.0	107.8	6 200 *							28.0
30.0	64.9	106.9	6 100 *	69.3	108.4	6 300 *				30.0
32.0	62.8	105.9	5 900 *	67.3	107.6	6 200 *				32.0
34.0	60.7	104.8	5 800 *	65.3	106.7	6 000 *				34.0
36.0	58.5	103.6	5 600 *	63.2	105.7	5 900 *				36.0
38.0	56.3	102.3	5 500 *	61.0	104.6	5 800 *				38.0
40.0	54.0	100.8	5 400 *	58.9	103.4	5 600 *				40.0
42.0	51.6	99.3	5 200 *	56.6	102.1	5 500 *				42.0
44.0	49.1	97.6	4 900 *	54.3	100.7	5 400 *				44.0
46.0	46.6	95.7	4 700 *	52.0	99.2	5 300 *				46.0
48.0	43.9	93.7	4 600 *	49.5	97.5	5 000 *				48.0
50.0	41.1	91.4	4 400 *	47.0	95.6	4 800 *				50.0
52.0	38.1	89.0	4 200 *	44.3	93.6	4 700 *	57.6	100.0	4 500	52.0
54.0	34.9	86.2	4 100 *	41.6	91.4	4 500 *	55.3	98.7	4 200	54.0
56.0	31.5	83.1	4 000 *	38.6	89.0	4 300 *	53.0	97.2	3 900	56.0
58.0	27.6	79.4	3 800 *	35.4	86.3	4 200 *	50.6	95.6	3 700	58.0
60.0	23.1	75.0	3 700 *	32.0	83.2	4 000 *	48.1	93.8	3 500	60.0
62.0	17.5	69.4	3 600 *	28.2	79.6	3 900 *	45.5	91.9	3 300	62.0
64.0	8.7	60.2	3 400 *	23.8	75.4	3 800 *	42.8	89.8	3 000	64.0
68.0				10.5	61.8	3 600 *	36.9	84.8	2 700	68.0
72.0							29.9	78.6	2 400	72.0
76.0							21.0	69.9	2 100	76.0



# Liftcrane Fixed Jib Capacities

# 777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
 Luffing Jib No. 139 On Boom No. 78  
 64 410 kg Crane Counterweight  
 19 960 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, 45.7m (150 Ft.) Luffing Jib, 18.3m (60 Ft.) Fixed Jib

Fixed Jib Oper. Radius Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
19.8	75.9	113.9	6 700 *							19.8
20.0	75.7	113.9	6 600 *							20.0
22.0	73.8	113.3	6 500 *							22.0
24.0	72.0	112.7	6 300 *							24.0
26.0	70.1	111.9	6 200 *							26.0
28.0	68.2	111.2	6 000 *							28.0
30.0	66.2	110.3	5 900 *							30.0
32.0	64.2	109.3	5 800 *	68.4	110.9	5 900 *				32.0
34.0	62.2	108.3	5 600 *	66.5	110.1	5 800 *				34.0
36.0	60.2	107.2	5 500 *	64.5	109.1	5 700 *				36.0
38.0	58.1	105.9	5 400 *	62.5	108.1	5 600 *				38.0
40.0	55.9	104.6	5 300 *	60.5	107.0	5 500 *				40.0
42.0	53.7	103.1	5 100 *	58.4	105.8	5 300 *				42.0
44.0	51.5	101.6	4 900 *	56.3	104.4	5 300 *				44.0
46.0	49.1	99.9	4 600 *	54.1	103.0	5 100 *				46.0
48.0	46.7	98.0	4 500 *	51.8	101.5	5 000 *				48.0
50.0	44.2	96.0	4 300 *	49.5	99.8	4 800 *				50.0
52.0	41.5	93.8	4 200 *	47.1	98.0	4 600 *				52.0
54.0	38.7	91.4	4 000 *	44.6	96.0	4 400 *	57.2	102.3	4 100	54.0
56.0	35.7	88.7	3 900 *	41.9	93.8	4 300 *	55.1	101.0	3 900	56.0
58.0	32.5	85.6	3 800 *	39.2	91.4	4 100 *	52.8	99.5	3 600	58.0
60.0	28.9	82.2	3 600 *	36.2	88.7	4 000 *	50.5	97.9	3 400	60.0
62.0	24.9	78.1	3 600 *	33.0	85.7	3 800 *	48.2	96.1	3 200	62.0
64.0	20.1	73.1	3 400 *	29.5	82.4	3 700 *	45.7	94.2	3 000	64.0
68.0				20.9	73.6	3 500 *	40.4	89.8	2 600	68.0
72.0							34.4	84.4	2 300	72.0
76.0							27.3	77.5	2 000	76.0



# Liftcrane Fixed Jib Capacities

# 777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
 Luffing Jib No. 139 On Boom No. 78  
 64 410 kg Crane Counterweight  
 19 960 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, 48.8m (160 Ft.) Luffing Jib, 18.3m (60 Ft.) Fixed Jib

Fixed Jib Oper. Radius Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
21.3	75.2	116.7	6 200 *							21.3
22.0	74.6	116.5	6 200 *							22.0
24.0	72.8	115.9	6 100 *							24.0
26.0	71.0	115.2	5 900 *							26.0
28.0	69.2	114.4	5 800 *							28.0
30.0	67.4	113.6	5 600 *							30.0
32.0	65.5	112.7	5 500 *	69.5	114.2	5 600 *				32.0
34.0	63.6	111.7	5 400 *	67.6	113.4	5 500 *				34.0
36.0	61.7	110.7	5 300 *	65.8	112.5	5 400 *				36.0
38.0	59.7	109.5	5 200 *	63.9	111.5	5 300 *				38.0
40.0	57.7	108.3	5 100 *	62.0	110.5	5 200 *				40.0
42.0	55.6	106.9	5 000 *	60.0	109.3	5 100 *				42.0
44.0	53.5	105.5	4 800 *	58.0	108.1	5 000 *				44.0
46.0	51.4	103.9	4 600 *	56.0	106.8	5 000 *				46.0
48.0	49.1	102.2	4 400 *	53.9	105.3	4 800 *				48.0
50.0	46.8	100.3	4 200 *	51.7	103.8	4 700 *				50.0
52.0	44.4	98.3	4 100 *	49.5	102.1	4 500 *				52.0
54.0	41.9	96.1	3 900 *	47.2	100.3	4 300 *				54.0
56.0	39.2	93.8	3 800 *	44.8	98.3	4 200 *				56.0
58.0	36.4	91.1	3 700 *	42.3	96.1	4 000 *	54.8	103.3	3 400	58.0
60.0	33.4	88.2	3 600 *	39.6	93.8	3 900 *	52.7	101.8	3 200	60.0
62.0	30.1	84.9	3 500 *	36.9	91.2	3 800 *	50.5	100.2	3 000	62.0
64.0	26.4	81.0	3 400 *	33.9	88.3	3 700 *	48.2	98.4	2 800	64.0
68.0	16.9	70.6	3 100 *	27.0	81.3	3 500 *	43.4	94.4	2 500	68.0
72.0				17.8	71.2	3 200 *	38.1	89.7	2 100	72.0
76.0							32.1	83.8	1 800	76.0



# Liftcrane Fixed Jib Capacities

# 777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
Luffing Jib No. 139 On Boom No. 78  
64 410 kg Crane Counterweight  
19 960 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. Radius Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
21.3	75.8	119.8	5 800 *							21.3
22.0	75.3	119.6	5 800 *							22.0
24.0	73.6	119.1	5 700 *							24.0
26.0	71.9	118.4	5 600 *							26.0
28.0	70.1	117.7	5 500 *							28.0
30.0	68.4	116.9	5 400 *							30.0
32.0	66.6	116.1	5 300 *	70.4	117.5	5 300 *				32.0
34.0	64.8	115.1	5 100 *	68.7	116.7	5 200 *				34.0
36.0	63.0	114.1	5 000 *	66.9	115.8	5 100 *				36.0
38.0	61.1	113.0	4 900 *	65.1	114.9	5 000 *				38.0
40.0	59.3	111.9	4 900 *	63.3	113.9	5 000 *				40.0
42.0	57.3	110.6	4 800 *	61.4	112.8	4 900 *				42.0
44.0	55.4	109.2	4 700 *	59.5	111.7	4 800 *				44.0
46.0	53.3	107.8	4 500 *	57.6	110.4	4 700 *				46.0
48.0	51.3	106.2	4 300 *	55.7	109.1	4 700 *				48.0
50.0	49.1	104.5	4 100 *	53.7	107.6	4 500 *				50.0
52.0	46.9	102.6	4 000 *	51.6	106.1	4 400 *				52.0
54.0	44.6	100.6	3 900 *	49.5	104.4	4 300 *				54.0
56.0	42.2	98.5	3 800 *	47.3	102.6	4 100 *				56.0
58.0	39.7	96.1	3 600 *	45.0	100.6	3 900 *	56.5	107.0	3 300	58.0
60.0	37.0	93.5	3 600 *	42.6	98.5	3 800 *	54.5	105.6	3 100	60.0
62.0	34.2	90.7	3 400 *	40.1	96.1	3 700 *	52.5	104.1	2 900	62.0
64.0	31.1	87.5	3 400 *	37.5	93.6	3 600 *	50.4	102.5	2 700	64.0
68.0	23.9	79.6	3 100 *	31.6	87.6	3 400 *	46.0	98.8	2 300	68.0
72.0	13.4	67.3	2 500 *	24.5	79.9	3 000 *	41.2	94.5	2 000	72.0
76.0				14.5	68.2	2 600 *				76.0



# Liftcrane Fixed Jib Capacities

# 777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
 Luffing Jib No. 139 On Boom No. 78  
 64 410 kg Crane Counterweight  
 19 960 kg Carbody Counterweight  
 360 Degree Rating

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

## 51.8m (170 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib, 9.1m (30 Ft.) Fixed Jib

Fixed Jib Oper. Radius Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
18.3	74.0	104.8	11 800 *							18.3
20.0	72.0	104.2	11 700 *							20.0
22.0	69.7	103.5	11 500 *							22.0
24.0	67.3	102.7	11 400 *							24.0
26.0	64.9	101.8	11 100 *	70.4	103.3	11 500 *				26.0
28.0	62.4	100.8	10 600 *	68.0	102.6	11 500 *				28.0
30.0	59.9	99.7	10 100 *	65.6	101.7	11 400 *				30.0
32.0	57.3	98.4	9 600 *	63.1	100.7	11 000 *				32.0
34.0	54.7	97.0	9 100 *	60.6	99.6	10 400 *				34.0
36.0	51.9	95.5	8 800 *	58.1	98.4	9 900 *				36.0
38.0	49.0	93.8	8 400 *	55.4	97.0	9 500 *				38.0
40.0	46.0	92.0	8 000 *	52.7	95.6	9 000 *				40.0
42.0	42.8	89.9	7 600 *	49.8	93.9	8 500 *				42.0
44.0	39.5	87.5	7 200 *	46.9	92.1	7 900 *				44.0
46.0	35.8	84.9	6 700 *	43.8	90.1	7 400 *				46.0
48.0	31.8	81.8	6 300 *	40.4	87.8	6 900 *				48.0
50.0	27.2	78.2	5 900 *	36.9	85.3	6 400 *	54.8	93.9	4 500	50.0
52.0	21.8	73.7	5 600 *	33.0	82.4	6 000 *	52.1	92.4	4 200	52.0
54.0	14.6	67.4	5 100 *	28.6	78.9	5 600 *	49.2	90.7	3 900	54.0
56.0				23.5	74.7	5 300 *	46.2	88.8	3 600	56.0
58.0				17.0	69.1	5 000 *	43.0	86.8	3 400	58.0
60.0							39.7	84.5	3 100	60.0
62.0							36.0	81.8	2 900	62.0
64.0							32.0	78.8	2 800	64.0
68.0							22.2	70.8	2 400	68.0

# Liftcrane Fixed Jib Capacities

# 777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
Luffing Jib No. 139 On Boom No. 78  
64 410 kg Crane Counterweight  
19 960 kg Carbody Counterweight  
360 Degree Rating

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

## 51.8m (170 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib, 9.1m (30 Ft.) Fixed Jib

Fixed Jib Oper. Radius Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
18.3	74.9	107.9	11 000 *							18.3
20.0	73.1	107.4	10 900 *							20.0
22.0	70.9	106.8	10 800 *							22.0
24.0	68.6	106.0	10 600 *							24.0
26.0	66.4	105.2	10 300 *							26.0
28.0	64.1	104.2	10 000 *	69.3	105.8	10 200 *				28.0
30.0	61.7	103.2	9 600 *	67.0	105.0	10 200 *				30.0
32.0	59.3	102.0	9 200 *	64.7	104.1	10 100 *				32.0
34.0	56.9	100.7	8 800 *	62.4	103.1	10 000 *				34.0
36.0	54.4	99.3	8 500 *	60.0	102.0	9 700 *				36.0
38.0	51.7	97.8	8 100 *	57.6	100.7	9 300 *				38.0
40.0	49.0	96.1	7 700 *	55.1	99.4	8 900 *				40.0
42.0	46.2	94.3	7 300 *	52.5	97.9	8 400 *				42.0
44.0	43.2	92.2	6 900 *	49.8	96.2	7 800 *				44.0
46.0	40.0	89.9	6 600 *	47.0	94.4	7 300 *				46.0
48.0	36.6	87.3	6 300 *	44.1	92.4	6 800 *				48.0
50.0	33.0	84.4	5 900 *	41.0	90.2	6 400 *				50.0
52.0	28.8	81.0	5 600 *	37.6	87.7	5 900 *	54.5	96.2	4 100	52.0
54.0	24.1	76.9	5 200 *	34.0	84.9	5 500 *	51.9	94.7	3 800	54.0
56.0	18.2	71.5	4 800 *	30.1	81.6	5 200 *	49.2	93.0	3 600	56.0
58.0				25.5	77.7	4 900 *	46.4	91.1	3 300	58.0
60.0				20.0	72.9	4 500 *	43.4	89.1	3 100	60.0
62.0				12.3	65.7	4 300 *	40.2	86.8	2 900	62.0
64.0							36.9	84.3	2 700	64.0
68.0							29.1	78.0	2 300	68.0
72.0							18.6	68.7	2 000	72.0



# Liftcrane Fixed Jib Capacities

# 777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
 Luffing Jib No. 139 On Boom No. 78  
 64 410 kg Crane Counterweight  
 19 960 kg Carbody Counterweight  
 360 Degree Rating

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

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

Fixed Jib Oper. Radius Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
18.3	75.7	111.1	9 900 *							18.3
20.0	74.0	110.6	9 900 *							20.0
22.0	71.9	110.0	9 700 *							22.0
24.0	69.8	109.3	9 500 *							24.0
26.0	67.7	108.5	9 400 *							26.0
28.0	65.5	107.6	9 200 *	70.4	109.1	9 100 *				28.0
30.0	63.4	106.6	8 900 *	68.3	108.3	9 100 *				30.0
32.0	61.1	105.5	8 600 *	66.2	107.5	9 000 *				32.0
34.0	58.8	104.4	8 300 *	64.0	106.5	8 900 *				34.0
36.0	56.5	103.1	7 900 *	61.8	105.5	8 800 *				36.0
38.0	54.1	101.7	7 600 *	59.5	104.3	8 800 *				38.0
40.0	51.6	100.1	7 300 *	57.2	103.1	8 700 *				40.0
42.0	49.0	98.4	7 000 *	54.8	101.7	8 200 *				42.0
44.0	46.3	96.6	6 700 *	52.3	100.2	7 600 *				44.0
46.0	43.5	94.5	6 300 *	49.8	98.5	7 000 *				46.0
48.0	40.5	92.3	6 100 *	47.1	96.7	6 600 *				48.0
50.0	37.4	89.7	5 800 *	44.3	94.7	6 100 *				50.0
52.0	34.0	86.9	5 500 *	41.4	92.5	5 700 *	56.6	99.9	3 900	52.0
54.0	30.2	83.7	5 100 *	38.3	90.1	5 400 *	54.2	98.5	3 600	54.0
56.0	25.9	79.8	4 700 *	35.0	87.4	5 000 *	51.7	97.0	3 400	56.0
58.0	20.9	75.1	4 300 *	31.3	84.2	4 700 *	49.2	95.3	3 200	58.0
60.0	14.2	68.6	3 900 *	27.2	80.6	4 400 *	46.5	93.5	2 900	60.0
62.0				22.4	76.2	4 100 *	43.7	91.4	2 700	62.0
64.0				16.4	70.3	3 800 *	40.7	89.2	2 500	64.0
68.0							34.2	83.9	2 200	68.0
72.0							26.2	76.8	1 800	72.0

# Liftcrane Fixed Jib Capacities

# 777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
 Luffing Jib No. 139 On Boom No. 78  
 64 410 kg Crane Counterweight  
 19 960 kg Carbody Counterweight  
 360 Degree Rating

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

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

Fixed Jib Oper. Radius Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
19.8	75.0	113.8	8 800 *							19.8
20.0	74.8	113.8	8 800 *							20.0
22.0	72.8	113.2	8 700 *							22.0
24.0	70.9	112.5	8 500 *							24.0
26.0	68.9	111.8	8 400 *							26.0
28.0	66.8	110.9	8 300 *							28.0
30.0	64.8	110.0	8 100 *	69.4	111.6	8 100 *				30.0
32.0	62.7	109.0	7 900 *	67.4	110.8	8 000 *				32.0
34.0	60.5	107.9	7 700 *	65.4	109.9	7 900 *				34.0
36.0	58.4	106.7	7 400 *	63.3	108.9	7 800 *				36.0
38.0	56.1	105.4	7 100 *	61.2	107.8	7 700 *				38.0
40.0	53.8	104.0	6 900 *	59.0	106.7	7 600 *				40.0
42.0	51.5	102.4	6 600 *	56.8	105.4	7 500 *				42.0
44.0	49.0	100.7	6 300 *	54.5	104.0	7 400 *				44.0
46.0	46.5	98.9	6 100 *	52.1	102.5	6 900 *				46.0
48.0	43.8	96.8	5 800 *	49.7	100.8	6 400 *				48.0
50.0	41.0	94.6	5 600 *	47.2	99.0	6 000 *				50.0
52.0	38.0	92.2	5 300 *	44.6	97.1	5 500 *				52.0
54.0	34.8	89.4	5 000 *	41.8	94.9	5 200 *	56.3	102.2	3 500	54.0
56.0	31.4	86.3	4 600 *	38.9	92.5	4 800 *	54.0	100.8	3 300	56.0
58.0	27.5	82.7	4 300 *	35.8	89.8	4 500 *	51.6	99.3	3 000	58.0
60.0	23.1	78.3	3 900 *	32.4	86.8	4 200 *	49.2	97.6	2 800	60.0
62.0	17.5	72.8	3 600 *	28.7	83.4	3 900 *	46.6	95.8	2 600	62.0
64.0	9.1	64.0	2 900 *	24.4	79.3	3 600 *	44.0	93.7	2 400	64.0
68.0				12.1	66.8	3 100 *	38.2	89.1	2 000	68.0



# Liftcrane Fixed Jib Capacities

# 777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
 Luffing Jib No. 139 On Boom No. 78  
 64 410 kg Crane Counterweight  
 19 960 kg Carbody Counterweight  
 360 Degree Rating

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

## 51.8m (170 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib, 12.2m (40 Ft.) Fixed Jib

Fixed Jib Oper. Radius Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
18.3	75.3	107.9	9 900 *							18.3
20.0	73.5	107.4	9 700 *							20.0
22.0	71.3	106.7	9 600 *							22.0
24.0	69.1	106.0	9 500 *							24.0
26.0	66.8	105.1	9 400 *							26.0
28.0	64.5	104.2	9 000 *	69.7	105.8	9 500 *				28.0
30.0	62.2	103.1	8 500 *	67.4	105.0	9 500 *				30.0
32.0	59.8	102.0	8 100 *	65.2	104.1	9 300 *				32.0
34.0	57.3	100.7	7 800 *	62.8	103.1	8 900 *				34.0
36.0	54.8	99.3	7 400 *	60.4	101.9	8 400 *				36.0
38.0	52.1	97.8	7 100 *	58.0	100.7	8 000 *				38.0
40.0	49.4	96.1	6 800 *	55.5	99.3	7 600 *				40.0
42.0	46.6	94.2	6 500 *	52.9	97.9	7 300 *				42.0
44.0	43.6	92.2	6 300 *	50.2	96.2	7 000 *				44.0
46.0	40.4	89.9	6 100 *	47.4	94.4	6 700 *				46.0
48.0	37.0	87.3	5 900 *	44.5	92.4	6 500 *				48.0
50.0	33.3	84.4	5 700 *	41.4	90.2	6 200 *				50.0
52.0	29.2	80.9	5 400 *	38.0	87.7	6 000 *	54.9	96.2	4 200	52.0
54.0	24.5	76.8	5 100 *	34.4	84.9	5 700 *	52.3	94.7	3 900	54.0
56.0	18.6	71.5	4 800 *	30.5	81.6	5 400 *	49.6	93.0	3 700	56.0
58.0				25.9	77.7	5 000 *	46.8	91.1	3 400	58.0
60.0				20.4	72.8	4 700 *	43.8	89.1	3 200	60.0
62.0				12.7	65.6	4 400 *	40.6	86.8	3 000	62.0
64.0							37.3	84.2	2 800	64.0
68.0							29.5	77.9	2 400	68.0
72.0							19.0	68.6	2 100	72.0

# Liftcrane Fixed Jib Capacities

# 777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
Luffing Jib No. 139 On Boom No. 78  
64 410 kg Crane Counterweight  
19 960 kg Carbody Counterweight  
360 Degree Rating

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

## 51.8m (170 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib, 12.2m (40 Ft.) Fixed Jib

Fixed Jib Oper. Radius Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
19.8	74.6	110.7	9 500 *							19.8
20.0	74.4	110.6	9 500 *							20.0
22.0	72.3	110.0	9 400 *							22.0
24.0	70.2	109.3	9 300 *							24.0
26.0	68.1	108.5	9 100 *							26.0
28.0	65.9	107.6	8 800 *							28.0
30.0	63.7	106.6	8 300 *	68.7	108.3	8 900 *				30.0
32.0	61.5	105.5	8 000 *	66.6	107.4	8 800 *				32.0
34.0	59.2	104.3	7 600 *	64.4	106.5	8 700 *				34.0
36.0	56.9	103.0	7 300 *	62.1	105.4	8 200 *				36.0
38.0	54.5	101.6	6 900 *	59.9	104.3	7 900 *				38.0
40.0	52.0	100.1	6 700 *	57.5	103.0	7 500 *				40.0
42.0	49.4	98.4	6 400 *	55.2	101.7	7 200 *				42.0
44.0	46.7	96.5	6 200 *	52.7	100.2	6 900 *				44.0
46.0	43.9	94.5	6 000 *	50.1	98.5	6 600 *				46.0
48.0	40.9	92.2	5 800 *	47.5	96.7	6 300 *				48.0
50.0	37.8	89.7	5 600 *	44.7	94.7	6 100 *				50.0
52.0	34.3	86.9	5 300 *	41.8	92.5	5 900 *	57.0	99.9	4 100	52.0
54.0	30.6	83.6	5 000 *	38.7	90.1	5 600 *	54.6	98.5	3 900	54.0
56.0	26.3	79.8	4 800 *	35.3	87.3	5 300 *	52.1	97.0	3 600	56.0
58.0	21.2	75.1	4 500 *	31.7	84.2	4 900 *	49.6	95.3	3 300	58.0
60.0	14.5	68.5	4 200 *	27.6	80.6	4 600 *	46.9	93.4	3 200	60.0
62.0				22.8	76.1	4 300 *	44.1	91.4	2 900	62.0
64.0				16.7	70.3	4 100 *	41.1	89.2	2 700	64.0
68.0							34.6	83.8	2 400	68.0
72.0							26.6	76.8	2 100	72.0



# Liftcrane Fixed Jib Capacities

# 777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
 Luffing Jib No. 139 On Boom No. 78  
 64 410 kg Crane Counterweight  
 19 960 kg Carbody Counterweight  
 360 Degree Rating

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

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

Fixed Jib Oper. Radius Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
19.8	75.3	113.8	8 700 *							19.8
20.0	75.2	113.8	8 700 *							20.0
22.0	73.2	113.2	8 600 *							22.0
24.0	71.2	112.5	8 500 *							24.0
26.0	69.2	111.8	8 300 *							26.0
28.0	67.2	110.9	8 200 *							28.0
30.0	65.2	110.0	8 100 *	69.8	111.6	8 000 *				30.0
32.0	63.1	109.0	7 800 *	67.8	110.8	7 900 *				32.0
34.0	60.9	107.9	7 400 *	65.7	109.9	7 900 *				34.0
36.0	58.7	106.7	7 100 *	63.7	108.9	7 800 *				36.0
38.0	56.5	105.4	6 800 *	61.5	107.8	7 700 *				38.0
40.0	54.2	103.9	6 600 *	59.4	106.6	7 300 *				40.0
42.0	51.8	102.4	6 300 *	57.1	105.4	7 000 *				42.0
44.0	49.4	100.7	6 100 *	54.9	104.0	6 700 *				44.0
46.0	46.8	98.9	5 900 *	52.5	102.5	6 500 *				46.0
48.0	44.2	96.8	5 700 *	50.1	100.8	6 300 *				48.0
50.0	41.4	94.6	5 400 *	47.6	99.0	6 100 *				50.0
52.0	38.4	92.1	5 200 *	44.9	97.0	5 800 *				52.0
54.0	35.2	89.4	5 000 *	42.2	94.9	5 400 *	56.6	102.2	3 700	54.0
56.0	31.7	86.2	4 700 *	39.3	92.5	5 100 *	54.3	100.8	3 400	56.0
58.0	27.9	82.6	4 500 *	36.1	89.8	4 700 *	52.0	99.3	3 200	58.0
60.0	23.4	78.3	4 200 *	32.8	86.8	4 400 *	49.5	97.6	3 000	60.0
62.0	17.9	72.7	3 800 *	29.0	83.3	4 100 *	47.0	95.7	2 800	62.0
64.0	9.4	63.9	3 100 *	24.7	79.2	3 900 *	44.3	93.7	2 500	64.0
68.0				12.4	66.7	3 400 *	38.6	89.1	2 200	68.0
72.0							32.0	83.2	1 900	72.0



# Liftcrane Fixed Jib Capacities

# 777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
Luffing Jib No. 139 On Boom No. 78  
64 410 kg Crane Counterweight  
19 960 kg Carbody Counterweight  
360 Degree Rating

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

## 51.8m (170 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib, 12.2m (40 Ft.) Fixed Jib

Fixed Jib Oper. Radius Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
21.3	74.7	116.6	7 800 *							21.3
22.0	74.0	116.4	7 800 *							22.0
24.0	72.2	115.7	7 700 *							24.0
26.0	70.3	115.0	7 600 *							26.0
28.0	68.4	114.2	7 400 *							28.0
30.0	66.4	113.4	7 300 *							30.0
32.0	64.4	112.4	7 200 *	68.9	114.1	7 200 *				32.0
34.0	62.4	111.4	7 100 *	67.0	113.2	7 100 *				34.0
36.0	60.4	110.2	6 800 *	65.0	112.3	7 000 *				36.0
38.0	58.3	109.0	6 600 *	63.0	111.3	6 900 *				38.0
40.0	56.2	107.7	6 400 *	61.0	110.2	6 900 *				40.0
42.0	54.0	106.3	6 200 *	58.9	109.0	6 800 *				42.0
44.0	51.7	104.7	5 900 *	56.8	107.7	6 600 *				44.0
46.0	49.4	103.0	5 700 *	54.6	106.3	6 400 *				46.0
48.0	46.9	101.2	5 500 *	52.3	104.8	6 100 *				48.0
50.0	44.4	99.1	5 200 *	50.0	103.1	5 900 *				50.0
52.0	41.8	96.9	5 000 *	47.6	101.3	5 600 *				52.0
54.0	39.0	94.5	4 800 *	45.1	99.3	5 300 *				54.0
56.0	36.0	91.8	4 600 *	42.5	97.2	4 900 *	56.3	104.5	3 300	56.0
58.0	32.7	88.8	4 400 *	39.8	94.8	4 600 *	54.1	103.1	3 000	58.0
60.0	29.2	85.4	4 100 *	36.8	92.2	4 300 *	51.8	101.6	2 800	60.0
62.0	25.2	81.3	3 700 *	33.7	89.3	4 000 *	49.5	99.9	2 600	62.0
64.0	20.4	76.4	3 400 *	30.2	86.0	3 700 *	47.1	98.0	2 400	64.0
68.0				21.9	77.5	3 200 *	41.9	93.9	2 100	68.0



# Liftcrane Fixed Jib Capacities

# 777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
 Luffing Jib No. 139 On Boom No. 78  
 64 410 kg Crane Counterweight  
 19 960 kg Carbody Counterweight  
 360 Degree Rating

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

**51.8m (170 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib, 15.2m (50 Ft.) Fixed Jib**

Fixed Jib Oper. Radius Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
19.8	74.7	110.7	8 400 *							19.8
20.0	74.5	110.6	8 400 *							20.0
22.0	72.4	110.0	8 200 *							22.0
24.0	70.3	109.3	8 100 *							24.0
26.0	68.2	108.5	8 000 *							26.0
28.0	66.0	107.6	7 900 *							28.0
30.0	63.8	106.6	7 600 *	68.8	108.3	7 900 *				30.0
32.0	61.6	105.5	7 200 *	66.6	107.4	7 800 *				32.0
34.0	59.3	104.3	6 900 *	64.5	106.5	7 700 *				34.0
36.0	57.0	103.1	6 500 *	62.2	105.5	7 500 *				36.0
38.0	54.6	101.6	6 200 *	60.0	104.3	7 100 *				38.0
40.0	52.1	100.1	6 000 *	57.6	103.0	6 700 *				40.0
42.0	49.5	98.4	5 700 *	55.3	101.7	6 400 *				42.0
44.0	46.8	96.5	5 500 *	52.8	100.2	6 100 *				44.0
46.0	44.0	94.5	5 300 *	50.2	98.5	5 900 *				46.0
48.0	41.0	92.2	5 100 *	47.6	96.7	5 700 *				48.0
50.0	37.9	89.7	4 900 *	44.8	94.7	5 400 *				50.0
52.0	34.4	86.9	4 800 *	41.9	92.5	5 200 *	57.1	99.9	4 200	52.0
54.0	30.7	83.6	4 600 *	38.8	90.1	5 100 *	54.7	98.5	3 900	54.0
56.0	26.4	79.8	4 500 *	35.4	87.3	4 900 *	52.2	97.0	3 700	56.0
58.0	21.3	75.1	4 300 *	31.8	84.2	4 700 *	49.7	95.3	3 400	58.0
60.0	14.6	68.5	4 100 *	27.7	80.6	4 600 *	47.0	93.4	3 200	60.0
62.0				22.9	76.1	4 500 *	44.2	91.4	3 000	62.0
64.0				16.8	70.3	4 200 *	41.2	89.2	2 800	64.0
68.0							34.7	83.8	2 500	68.0
72.0							26.7	76.8	2 100	72.0
76.0							15.1	65.8	1 800	76.0

# Liftcrane Fixed Jib Capacities

# 777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
Luffing Jib No. 139 On Boom No. 78  
64 410 kg Crane Counterweight  
19 960 kg Carbody Counterweight  
360 Degree Rating

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

## 51.8m (170 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib, 15.2m (50 Ft.) Fixed Jib

Fixed Jib Oper. Radius Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
19.8	75.4	113.8	8 100 *							19.8
20.0	75.3	113.8	8 100 *							20.0
22.0	73.3	113.2	7 900 *							22.0
24.0	71.3	112.5	7 800 *							24.0
26.0	69.3	111.8	7 700 *							26.0
28.0	67.3	110.9	7 500 *							28.0
30.0	65.2	110.0	7 400 *	69.9	111.6	7 400 *				30.0
32.0	63.1	109.0	7 000 *	67.9	110.8	7 300 *				32.0
34.0	61.0	107.9	6 700 *	65.8	109.9	7 200 *				34.0
36.0	58.8	106.7	6 400 *	63.7	108.9	7 100 *				36.0
38.0	56.6	105.4	6 100 *	61.6	107.8	6 900 *				38.0
40.0	54.3	103.9	5 800 *	59.5	106.7	6 600 *				40.0
42.0	51.9	102.4	5 600 *	57.2	105.4	6 300 *				42.0
44.0	49.5	100.7	5 400 *	55.0	104.0	6 000 *				44.0
46.0	46.9	98.9	5 200 *	52.6	102.5	5 800 *				46.0
48.0	44.3	96.8	5 000 *	50.2	100.8	5 600 *				48.0
50.0	41.5	94.6	4 900 *	47.7	99.0	5 400 *				50.0
52.0	38.5	92.1	4 700 *	45.0	97.0	5 100 *				52.0
54.0	35.3	89.4	4 500 *	42.3	94.9	5 000 *	56.7	102.2	3 900	54.0
56.0	31.8	86.2	4 400 *	39.3	92.5	4 800 *	54.4	100.8	3 600	56.0
58.0	28.0	82.6	4 300 *	36.2	89.8	4 700 *	52.1	99.3	3 400	58.0
60.0	23.5	78.3	4 100 *	32.8	86.8	4 500 *	49.6	97.6	3 100	60.0
62.0	18.0	72.7	3 900 *	29.1	83.3	4 400 *	47.1	95.7	2 900	62.0
64.0	9.5	63.9	3 400 *	24.8	79.2	4 100 *	44.4	93.7	2 800	64.0
68.0				12.5	66.7	3 600 *	38.7	89.1	2 400	68.0
72.0							32.0	83.2	2 100	72.0
76.0							23.8	75.4	1 800	76.0



# Liftcrane Fixed Jib Capacities

# 777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
 Luffing Jib No. 139 On Boom No. 78  
 64 410 kg Crane Counterweight  
 19 960 kg Carbody Counterweight  
 360 Degree Rating

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

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

Fixed Jib Oper. Radius Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
21.3	74.7	116.6	7 400 *							21.3
22.0	74.1	116.4	7 400 *							22.0
24.0	72.2	115.7	7 200 *							24.0
26.0	70.4	115.0	7 100 *							26.0
28.0	68.4	114.2	7 000 *							28.0
30.0	66.5	113.4	6 900 *							30.0
32.0	64.5	112.4	6 800 *	69.0	114.1	6 800 *				32.0
34.0	62.5	111.4	6 600 *	67.1	113.2	6 700 *				34.0
36.0	60.5	110.3	6 300 *	65.1	112.3	6 600 *				36.0
38.0	58.4	109.0	6 000 *	63.1	111.3	6 600 *				38.0
40.0	56.2	107.7	5 800 *	61.1	110.2	6 400 *				40.0
42.0	54.0	106.3	5 500 *	59.0	109.0	6 200 *				42.0
44.0	51.8	104.7	5 300 *	56.9	107.7	5 900 *				44.0
46.0	49.4	103.0	5 100 *	54.7	106.3	5 700 *				46.0
48.0	47.0	101.2	5 000 *	52.4	104.8	5 500 *				48.0
50.0	44.5	99.1	4 800 *	50.1	103.1	5 300 *				50.0
52.0	41.8	96.9	4 600 *	47.7	101.3	5 100 *				52.0
54.0	39.0	94.5	4 500 *	45.2	99.4	4 900 *				54.0
56.0	36.1	91.8	4 300 *	42.6	97.2	4 800 *	56.4	104.6	3 400	56.0
58.0	32.8	88.8	4 200 *	39.9	94.9	4 600 *	54.2	103.1	3 200	58.0
60.0	29.3	85.4	4 100 *	36.9	92.2	4 400 *	51.9	101.6	3 000	60.0
62.0	25.3	81.3	3 800 *	33.8	89.3	4 200 *	49.6	99.9	2 800	62.0
64.0	20.5	76.4	3 700 *	30.3	86.0	3 900 *	47.2	98.0	2 600	64.0
68.0				22.0	77.5	3 400 *	42.0	93.9	2 200	68.0
72.0							36.2	88.8	1 900	72.0

# Liftcrane Fixed Jib Capacities

# 777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
Luffing Jib No. 139 On Boom No. 78  
64 410 kg Crane Counterweight  
19 960 kg Carbody Counterweight  
360 Degree Rating

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

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

Fixed Jib Oper. Radius Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
21.3	75.4	119.7	6 800 *							21.3
22.0	74.9	119.5	6 800 *							22.0
24.0	73.1	118.9	6 700 *							24.0
26.0	71.3	118.3	6 600 *							26.0
28.0	69.5	117.5	6 400 *							28.0
30.0	67.6	116.7	6 300 *							30.0
32.0	65.8	115.8	6 300 *	70.0	117.3	6 300 *				32.0
34.0	63.9	114.8	6 100 *	68.2	116.5	6 100 *				34.0
36.0	61.9	113.8	6 100 *	66.3	115.7	6 100 *				36.0
38.0	60.0	112.6	5 900 *	64.4	114.7	6 000 *				38.0
40.0	58.0	111.4	5 600 *	62.5	113.7	5 900 *				40.0
42.0	55.9	110.0	5 400 *	60.5	112.6	5 900 *				42.0
44.0	53.8	108.6	5 200 *	58.5	111.3	5 800 *				44.0
46.0	51.7	107.0	5 000 *	56.5	110.0	5 500 *				46.0
48.0	49.4	105.3	4 800 *	54.4	108.6	5 400 *				48.0
50.0	47.1	103.5	4 700 *	52.3	107.1	5 100 *				50.0
52.0	44.7	101.5	4 500 *	50.1	105.4	5 000 *				52.0
54.0	42.2	99.3	4 400 *	47.8	103.6	4 800 *				54.0
56.0	39.5	96.9	4 300 *	45.4	101.7	4 600 *				56.0
58.0	36.7	94.3	4 100 *	42.9	99.5	4 500 *	56.1	106.9	3 100	58.0
60.0	33.7	91.4	4 000 *	40.3	97.2	4 300 *	54.0	105.4	2 800	60.0
62.0	30.4	88.1	3 800 *	37.6	94.7	4 000 *	51.8	103.9	2 600	62.0
64.0	26.8	84.3	3 600 *	34.6	91.8	3 800 *	49.6	102.2	2 400	64.0
68.0	17.4	74.0	3 000 *	27.9	85.0	3 300 *	44.9	98.4	2 100	68.0
72.0				19.0	75.4	2 900 *				72.0



# Liftcrane Fixed Jib Capacities

# 777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
 Luffing Jib No. 139 On Boom No. 78  
 64 410 kg Crane Counterweight  
 19 960 kg Carbody Counterweight  
 360 Degree Rating

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

## 51.8m (170 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib, 18.3m (60 Ft.) Fixed Jib

Fixed Jib Oper. Radius Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
19.8	75.2	113.8	6 900 *							19.8
20.0	75.1	113.8	6 900 *							20.0
22.0	73.1	113.2	6 700 *							22.0
24.0	71.1	112.5	6 500 *							24.0
26.0	69.1	111.8	6 400 *							26.0
28.0	67.1	110.9	6 200 *							28.0
30.0	65.0	110.0	6 100 *	69.7	111.6	6 200 *				30.0
32.0	63.0	109.0	5 900 *	67.7	110.8	6 100 *				32.0
34.0	60.8	107.9	5 800 *	65.6	109.9	6 000 *				34.0
36.0	58.6	106.7	5 700 *	63.6	108.9	5 800 *				36.0
38.0	56.4	105.4	5 500 *	61.4	107.8	5 700 *				38.0
40.0	54.1	104.0	5 400 *	59.3	106.7	5 600 *				40.0
42.0	51.7	102.4	5 200 *	57.0	105.4	5 500 *				42.0
44.0	49.3	100.7	5 000 *	54.8	104.0	5 400 *				44.0
46.0	46.7	98.9	4 700 *	52.4	102.5	5 300 *				46.0
48.0	44.1	96.8	4 600 *	50.0	100.8	5 100 *				48.0
50.0	41.3	94.6	4 400 *	47.5	99.0	4 900 *				50.0
52.0	38.3	92.2	4 200 *	44.8	97.1	4 700 *				52.0
54.0	35.1	89.4	4 100 *	42.1	94.9	4 500 *	56.5	102.2	3 900	54.0
56.0	31.6	86.3	4 000 *	39.2	92.5	4 300 *	54.2	100.8	3 700	56.0
58.0	27.8	82.7	3 800 *	36.0	89.8	4 200 *	51.9	99.3	3 400	58.0
60.0	23.3	78.3	3 700 *	32.7	86.8	4 000 *	49.4	97.6	3 200	60.0
62.0	17.8	72.8	3 600 *	28.9	83.4	3 900 *	46.9	95.8	3 000	62.0
64.0	9.4	64.0	3 500 *	24.7	79.3	3 800 *	44.2	93.7	2 800	64.0
68.0				12.4	66.8	3 600 *	38.5	89.1	2 500	68.0
72.0							31.9	83.2	2 100	72.0
76.0							23.6	75.4	1 900	76.0



# Liftcrane Fixed Jib Capacities

# 777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
 Luffing Jib No. 139 On Boom No. 78  
 64 410 kg Crane Counterweight  
 19 960 kg Carbody Counterweight  
 360 Degree Rating

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

## 51.8m (170 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib, 18.3m (60 Ft.) Fixed Jib

Fixed Jib Oper. Radius Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
19.8	76.0	117.0	6 600 *							19.8
20.0	75.8	117.0	6 600 *							20.0
22.0	73.9	116.4	6 400 *							22.0
24.0	72.1	115.7	6 300 *							24.0
26.0	70.2	115.0	6 100 *							26.0
28.0	68.3	114.2	6 000 *							28.0
30.0	66.3	113.4	5 800 *							30.0
32.0	64.3	112.4	5 700 *	68.8	114.1	5 800 *				32.0
34.0	62.3	111.4	5 600 *	66.9	113.2	5 700 *				34.0
36.0	60.3	110.3	5 500 *	64.9	112.3	5 700 *				36.0
38.0	58.2	109.0	5 400 *	62.9	111.3	5 500 *				38.0
40.0	56.1	107.7	5 200 *	60.9	110.2	5 400 *				40.0
42.0	53.9	106.3	5 100 *	58.8	109.0	5 300 *				42.0
44.0	51.6	104.7	4 900 *	56.7	107.7	5 200 *				44.0
46.0	49.3	103.0	4 700 *	54.5	106.3	5 200 *				46.0
48.0	46.8	101.2	4 500 *	52.3	104.8	5 000 *				48.0
50.0	44.3	99.2	4 300 *	49.9	103.1	4 800 *				50.0
52.0	41.7	97.0	4 200 *	47.5	101.3	4 600 *				52.0
54.0	38.9	94.5	4 000 *	45.0	99.4	4 400 *				54.0
56.0	35.9	91.9	3 900 *	42.4	97.2	4 300 *	56.2	104.6	3 600	56.0
58.0	32.7	88.8	3 800 *	39.7	94.9	4 100 *	54.0	103.1	3 400	58.0
60.0	29.1	85.4	3 700 *	36.8	92.3	4 000 *	51.7	101.6	3 100	60.0
62.0	25.1	81.4	3 600 *	33.6	89.4	3 900 *	49.4	99.9	2 900	62.0
64.0	20.4	76.4	3 400 *	30.2	86.0	3 800 *	47.0	98.1	2 800	64.0
68.0				21.8	77.6	3 500 *	41.8	93.9	2 400	68.0
72.0							36.1	88.8	2 100	72.0
76.0							29.3	82.4	1 800	76.0



# Liftcrane Fixed Jib Capacities

# 777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
 Luffing Jib No. 139 On Boom No. 78  
 64 410 kg Crane Counterweight  
 19 960 kg Carbody Counterweight  
 360 Degree Rating

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

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

Fixed Jib Oper. Radius Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
21.3	75.3	119.7	6 100 *							21.3
22.0	74.7	119.6	6 100 *							22.0
24.0	72.9	119.0	6 000 *							24.0
26.0	71.1	118.3	5 800 *							26.0
28.0	69.3	117.5	5 700 *							28.0
30.0	67.5	116.7	5 600 *							30.0
32.0	65.6	115.8	5 500 *	69.8	117.4	5 600 *				32.0
34.0	63.7	114.8	5 400 *	68.0	116.6	5 500 *				34.0
36.0	61.8	113.8	5 200 *	66.1	115.7	5 400 *				36.0
38.0	59.8	112.6	5 200 *	64.2	114.7	5 300 *				38.0
40.0	57.8	111.4	5 100 *	62.3	113.7	5 200 *				40.0
42.0	55.8	110.0	4 900 *	60.4	112.6	5 100 *				42.0
44.0	53.6	108.6	4 800 *	58.4	111.4	5 000 *				44.0
46.0	51.5	107.0	4 600 *	56.3	110.0	4 900 *				46.0
48.0	49.3	105.3	4 400 *	54.3	108.6	4 900 *				48.0
50.0	46.9	103.5	4 300 *	52.1	107.1	4 700 *				50.0
52.0	44.5	101.5	4 100 *	49.9	105.4	4 600 *				52.0
54.0	42.0	99.3	4 000 *	47.6	103.6	4 400 *				54.0
56.0	39.4	96.9	3 800 *	45.2	101.7	4 200 *				56.0
58.0	36.6	94.3	3 700 *	42.8	99.6	4 100 *	55.9	106.9	3 200	58.0
60.0	33.6	91.4	3 600 *	40.1	97.2	4 000 *	53.8	105.4	3 000	60.0
62.0	30.3	88.1	3 500 *	37.4	94.7	3 800 *	51.6	103.9	2 800	62.0
64.0	26.6	84.3	3 400 *	34.4	91.9	3 700 *	49.4	102.2	2 600	64.0
68.0	17.2	74.0	3 200 *	27.7	85.0	3 500 *	44.7	98.4	2 200	68.0
72.0				18.8	75.4	3 000 *	39.5	93.8	1 900	72.0



# Liftcrane Fixed Jib Capacities

# 777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
Luffing Jib No. 139 On Boom No. 78  
64 410 kg Crane Counterweight  
19 960 kg Carbody Counterweight  
360 Degree Rating

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

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

Fixed Jib Oper. Radius Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
21.3	75.9	122.9	5 800 *							21.3
22.0	75.4	122.7	5 700 *							22.0
24.0	73.7	122.1	5 600 *							24.0
26.0	72.0	121.5	5 500 *							26.0
28.0	70.2	120.8	5 400 *							28.0
30.0	68.5	120.0	5 300 *							30.0
32.0	66.7	119.2	5 200 *	70.7	120.6	5 300 *				32.0
34.0	64.9	118.2	5 100 *	69.0	119.9	5 200 *				34.0
36.0	63.1	117.2	5 000 *	67.2	119.0	5 100 *				36.0
38.0	61.2	116.1	4 900 *	65.4	118.1	5 000 *				38.0
40.0	59.4	115.0	4 800 *	63.6	117.1	4 900 *				40.0
42.0	57.4	113.7	4 700 *	61.8	116.1	4 800 *				42.0
44.0	55.5	112.4	4 600 *	59.9	114.9	4 800 *				44.0
46.0	53.5	110.9	4 500 *	58.0	113.7	4 700 *				46.0
48.0	51.4	109.3	4 300 *	56.0	112.4	4 600 *				48.0
50.0	49.2	107.6	4 200 *	54.0	110.9	4 600 *				50.0
52.0	47.0	105.8	4 000 *	52.0	109.4	4 400 *				52.0
54.0	44.7	103.8	3 900 *	49.9	107.7	4 300 *				54.0
56.0	42.4	101.7	3 800 *	47.7	105.9	4 100 *				56.0
58.0	39.8	99.3	3 700 *	45.4	104.0	4 000 *	57.6	110.6	3 100	58.0
60.0	37.2	96.7	3 500 *	43.0	101.9	3 900 *	55.6	109.2	2 800	60.0
62.0	34.4	93.9	3 400 *	40.6	99.6	3 700 *	53.6	107.8	2 600	62.0
64.0	31.3	90.7	3 400 *	38.0	97.1	3 600 *	51.5	106.2	2 400	64.0
68.0	24.1	82.9	3 100 *	32.2	91.3	3 300 *	47.2	102.7	2 100	68.0
72.0	13.8	70.8	2 500 *	25.3	83.8	2 900 *				72.0
76.0				15.7	72.7	2 500 *				76.0



# Liftcrane Fixed Jib Capacities

# 777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
 Luffing Jib No. 139 On Boom No. 78  
 64 410 kg Crane Counterweight  
 19 960 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, 42.7m (140 Ft.) Luffing Jib, 9.1m (30 Ft.) Fixed Jib

Fixed Jib Oper. Radius Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
18.3	74.1	107.8	11 700 *							18.3
20.0	72.2	107.3	11 600 *							20.0
22.0	69.8	106.6	11 400 *							22.0
24.0	67.5	105.8	11 000 *							24.0
26.0	65.0	104.9	10 600 *	70.8	106.5	11 100 *				26.0
28.0	62.6	103.9	10 200 *	68.4	105.7	11 100 *				28.0
30.0	60.1	102.8	9 800 *	66.0	104.9	11 000 *				30.0
32.0	57.5	101.5	9 400 *	63.6	103.9	11 000 *				32.0
34.0	54.8	100.2	8 900 *	61.1	102.8	10 500 *				34.0
36.0	52.0	98.6	8 500 *	58.6	101.6	10 000 *				36.0
38.0	49.2	97.0	8 000 *	55.9	100.3	9 500 *				38.0
40.0	46.2	95.1	7 600 *	53.2	98.9	8 800 *				40.0
42.0	43.0	93.0	7 200 *	50.4	97.3	8 200 *				42.0
44.0	39.6	90.7	6 800 *	47.4	95.5	7 600 *				44.0
46.0	36.0	88.1	6 400 *	44.3	93.5	7 100 *				46.0
48.0	32.0	85.1	6 100 *	41.1	91.3	6 600 *				48.0
50.0	27.5	81.5	5 700 *	37.6	88.8	6 200 *	56.2	97.5	4 000 *	50.0
52.0	22.2	77.0	5 400 *	33.7	86.0	5 800 *	53.5	96.0	3 800 *	52.0
54.0	15.0	70.9	5 000 *	29.5	82.6	5 400 *	50.7	94.5	3 600 *	54.0
56.0				24.5	78.6	5 100 *	47.8	92.7	3 400	56.0
58.0				18.3	73.4	4 700 *	44.7	90.7	3 100	58.0
60.0							41.4	88.6	2 900	60.0
62.0							38.0	86.1	2 700	62.0
64.0							34.2	83.3	2 500	64.0
68.0							25.1	76.1	2 200	68.0

# Liftcrane Fixed Jib Capacities

# 777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
Luffing Jib No. 139 On Boom No. 78  
64 410 kg Crane Counterweight  
19 960 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, 45.7m (150 Ft.) Luffing Jib, 9.1m (30 Ft.) Fixed Jib

Fixed Jib Oper. Radius Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
18.3	75.0	111.0	10 700 *							18.3
20.0	73.2	110.5	10 600 *							20.0
22.0	71.0	109.8	10 500 *							22.0
24.0	68.8	109.1	10 200 *							24.0
26.0	66.5	108.2	9 900 *							26.0
28.0	64.2	107.3	9 600 *	69.7	109.0	9 900 *				28.0
30.0	61.9	106.3	9 200 *	67.5	108.2	9 900 *				30.0
32.0	59.5	105.1	8 800 *	65.2	107.3	9 800 *				32.0
34.0	57.0	103.9	8 400 *	62.9	106.3	9 800 *				34.0
36.0	54.5	102.5	8 100 *	60.5	105.2	9 700 *				36.0
38.0	51.9	100.9	7 700 *	58.1	104.0	9 400 *				38.0
40.0	49.2	99.3	7 300 *	55.6	102.7	8 800 *				40.0
42.0	46.3	97.4	7 000 *	53.0	101.2	8 100 *				42.0
44.0	43.4	95.4	6 600 *	50.3	99.6	7 500 *				44.0
46.0	40.2	93.1	6 300 *	47.5	97.8	7 000 *				46.0
48.0	36.8	90.5	6 000 *	44.6	95.8	6 500 *				48.0
50.0	33.2	87.6	5 600 *	41.5	93.7	6 100 *				50.0
52.0	29.1	84.2	5 300 *	38.3	91.2	5 700 *	55.8	99.8	3 700 *	52.0
54.0	24.4	80.2	5 000 *	34.7	88.5	5 300 *	53.3	98.3	3 500 *	54.0
56.0	18.5	74.9	4 800 *	30.8	85.3	5 000 *	50.6	96.8	3 200 *	56.0
58.0				26.4	81.5	4 700 *	47.8	95.0	3 100	58.0
60.0				21.2	76.9	4 400 *	44.9	93.1	2 800	60.0
62.0				14.1	70.4	4 100 *	41.9	90.9	2 600	62.0
64.0							38.6	88.5	2 400	64.0
68.0							31.3	82.7	2 100	68.0



# Liftcrane Fixed Jib Capacities

# 777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
 Luffing Jib No. 139 On Boom No. 78  
 64 410 kg Crane Counterweight  
 19 960 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, 48.8m (160 Ft.) Luffing Jib, 9.1m (30 Ft.) Fixed Jib

Fixed Jib Oper. Radius Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
18.3	75.8	114.2	9 700 *							18.3
20.0	74.1	113.7	9 600 *							20.0
22.0	72.0	113.1	9 400 *							22.0
24.0	69.9	112.4	9 300 *							24.0
26.0	67.8	111.6	9 100 *							26.0
28.0	65.7	110.7	8 800 *							28.0
30.0	63.5	109.7	8 500 *	68.7	111.5	8 800 *				30.0
32.0	61.2	108.6	8 200 *	66.6	110.7	8 700 *				32.0
34.0	59.0	107.5	7 900 *	64.4	109.7	8 700 *				34.0
36.0	56.6	106.2	7 600 *	62.2	108.7	8 600 *				36.0
38.0	54.2	104.8	7 300 *	59.9	107.6	8 600 *				38.0
40.0	51.7	103.2	7 000 *	57.6	106.3	8 400 *				40.0
42.0	49.2	101.6	6 700 *	55.2	105.0	7 900 *				42.0
44.0	46.5	99.7	6 400 *	52.8	103.5	7 300 *				44.0
46.0	43.7	97.7	6 100 *	50.2	101.9	6 800 *				46.0
48.0	40.7	95.4	5 800 *	47.6	100.1	6 300 *				48.0
50.0	37.6	92.9	5 500 *	44.9	98.1	5 900 *				50.0
52.0	34.2	90.1	5 200 *	42.0	96.0	5 500 *				52.0
54.0	30.4	86.9	5 000 *	38.9	93.6	5 100 *	55.5	102.1	3 200 *	54.0
56.0	26.2	83.1	4 700 *	35.6	90.9	4 800 *	53.0	100.7	3 000 *	56.0
58.0	21.2	78.4	4 400 *	32.0	87.9	4 400 *	50.5	99.1	2 800 *	58.0
60.0	14.6	72.0	3 900 *	28.0	84.4	4 100 *	47.9	97.3	2 600 *	60.0
62.0				23.4	80.1	3 900 *	45.2	95.4	2 400 *	62.0
64.0				17.6	74.6	3 600 *	42.3	93.2	2 300 *	64.0
68.0							36.0	88.2	2 000	68.0

# Liftcrane Fixed Jib Capacities

# 777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
Luffing Jib No. 139 On Boom No. 78  
64 410 kg Crane Counterweight  
19 960 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, 9.1m (30 Ft.) Fixed Jib

Fixed Jib Oper. Radius Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
19.8	75.1	116.9	8 600 *							19.8
20.0	74.9	116.9	8 600 *							20.0
22.0	72.9	116.3	8 400 *							22.0
24.0	71.0	115.6	8 300 *							24.0
26.0	69.0	114.9	8 200 *							26.0
28.0	66.9	114.0	8 100 *							28.0
30.0	64.9	113.1	7 900 *	69.8	114.8	7 900 *				30.0
32.0	62.8	112.1	7 600 *	67.8	114.0	7 800 *				32.0
34.0	60.7	111.0	7 400 *	65.8	113.1	7 700 *				34.0
36.0	58.5	109.8	7 100 *	63.7	112.1	7 600 *				36.0
38.0	56.3	108.5	6 900 *	61.6	111.1	7 500 *				38.0
40.0	54.0	107.1	6 600 *	59.4	109.9	7 500 *				40.0
42.0	51.6	105.5	6 300 *	57.2	108.7	7 400 *				42.0
44.0	49.1	103.9	6 000 *	54.9	107.3	7 100 *				44.0
46.0	46.6	102.0	5 800 *	52.6	105.8	6 600 *				46.0
48.0	43.9	100.0	5 500 *	50.2	104.2	6 200 *				48.0
50.0	41.2	97.8	5 300 *	47.7	102.4	5 700 *				50.0
52.0	38.2	95.3	5 100 *	45.1	100.5	5 300 *				52.0
54.0	35.0	92.6	4 900 *	42.3	98.3	5 000 *				54.0
56.0	31.6	89.5	4 600 *	39.5	96.0	4 600 *	55.2	104.4	2 900 *	56.0
58.0	27.7	85.9	4 300 *	36.4	93.4	4 300 *	52.9	103.0	2 700 *	58.0
60.0	23.3	81.6	3 900 *	33.0	90.4	4 000 *	50.4	101.4	2 500 *	60.0
62.0	17.9	76.2	3 600 *	29.4	87.1	3 700 *	48.0	99.6	2 300 *	62.0
64.0	9.7	67.7	2 900 *	25.2	83.1	3 400 *	45.4	97.7	2 100 *	64.0
68.0				13.7	71.5	3 000 *	39.8	93.3	1 800 *	68.0



# Liftcrane Fixed Jib Capacities

# 777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
 Luffing Jib No. 139 On Boom No. 78  
 64 410 kg Crane Counterweight  
 19 960 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, 42.7m (140 Ft.) Luffing Jib, 12.2m (40 Ft.) Fixed Jib

Fixed Jib Oper. Radius Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
18.3	75.4	111.0	9 800 *							18.3
20.0	73.6	110.5	9 600 *							20.0
22.0	71.4	109.8	9 500 *							22.0
24.0	69.2	109.1	9 400 *							24.0
26.0	66.9	108.2	9 300 *							26.0
28.0	64.6	107.3	9 000 *	70.1	109.0	9 500 *				28.0
30.0	62.3	106.2	8 500 *	67.9	108.2	9 400 *				30.0
32.0	59.9	105.1	8 200 *	65.6	107.3	9 300 *				32.0
34.0	57.4	103.8	7 800 *	63.3	106.3	9 000 *				34.0
36.0	54.9	102.4	7 400 *	60.9	105.2	8 500 *				36.0
38.0	52.3	100.9	7 100 *	58.5	104.0	8 100 *				38.0
40.0	49.6	99.2	6 800 *	56.0	102.6	7 700 *				40.0
42.0	46.7	97.4	6 600 *	53.4	101.2	7 400 *				42.0
44.0	43.8	95.3	6 300 *	50.7	99.6	7 100 *				44.0
46.0	40.6	93.1	6 100 *	47.9	97.8	6 800 *				46.0
48.0	37.2	90.5	5 800 *	45.0	95.8	6 500 *				48.0
50.0	33.6	87.6	5 400 *	41.9	93.6	6 300 *				50.0
52.0	29.5	84.2	5 100 *	38.7	91.2	5 900 *	56.2	99.8	3 700 *	52.0
54.0	24.7	80.1	4 800 *	35.1	88.4	5 500 *	53.7	98.3	3 600 *	54.0
56.0	18.9	74.9	4 600 *	31.2	85.3	5 100 *	51.0	96.7	3 400 *	56.0
58.0				26.8	81.5	4 800 *	48.2	95.0	3 200	58.0
60.0				21.5	76.9	4 500 *	45.4	93.0	2 900	60.0
62.0				14.4	70.3	4 200 *	42.3	90.9	2 800	62.0
64.0							39.0	88.5	2 500	64.0
68.0							31.7	82.6	2 200	68.0
72.0							22.2	74.4	1 900	72.0

# Liftcrane Fixed Jib Capacities

# 777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
Luffing Jib No. 139 On Boom No. 78  
64 410 kg Crane Counterweight  
19 960 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, 45.7m (150 Ft.) Luffing Jib, 12.2m (40 Ft.) Fixed Jib

Fixed Jib Oper. Radius Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
19.8	74.7	113.7	9 400 *							19.8
20.0	74.5	113.7	9 400 *							20.0
22.0	72.4	113.1	9 200 *							22.0
24.0	70.3	112.3	9 100 *							24.0
26.0	68.2	111.5	9 000 *							26.0
28.0	66.1	110.7	8 700 *							28.0
30.0	63.9	109.7	8 400 *	69.1	111.5	8 700 *				30.0
32.0	61.6	108.6	8 000 *	67.0	110.6	8 600 *				32.0
34.0	59.3	107.5	7 600 *	64.8	109.7	8 500 *				34.0
36.0	57.0	106.2	7 300 *	62.6	108.7	8 300 *				36.0
38.0	54.6	104.8	7 000 *	60.3	107.5	8 000 *				38.0
40.0	52.1	103.2	6 700 *	58.0	106.3	7 600 *				40.0
42.0	49.5	101.5	6 500 *	55.6	105.0	7 300 *				42.0
44.0	46.9	99.7	6 200 *	53.2	103.5	7 000 *				44.0
46.0	44.1	97.7	5 900 *	50.6	101.9	6 700 *				46.0
48.0	41.1	95.4	5 600 *	48.0	100.1	6 400 *				48.0
50.0	37.9	92.9	5 300 *	45.2	98.1	6 200 *				50.0
52.0	34.5	90.1	5 100 *	42.3	96.0	5 800 *				52.0
54.0	30.8	86.9	4 800 *	39.3	93.6	5 400 *	55.9	102.1	3 400 *	54.0
56.0	26.6	83.1	4 500 *	36.0	90.9	5 100 *	53.4	100.6	3 300 *	56.0
58.0	21.5	78.4	4 300 *	32.4	87.9	4 700 *	50.9	99.0	3 000 *	58.0
60.0	14.9	72.0	4 000 *	28.4	84.3	4 400 *	48.3	97.3	2 800 *	60.0
62.0				23.8	80.1	4 200 *	45.6	95.3	2 700 *	62.0
64.0				18.0	74.6	3 900 *	42.7	93.2	2 500 *	64.0
68.0							36.4	88.2	2 100 *	68.0
72.0							28.9	81.7	1 800 *	72.0



# Liftcrane Fixed Jib Capacities

# 777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
 Luffing Jib No. 139 On Boom No. 78  
 64 410 kg Crane Counterweight  
 19 960 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, 48.8m (160 Ft.) Luffing Jib, 12.2m (40 Ft.) Fixed Jib

Fixed Jib Oper. Radius Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
19.8	75.5	116.9	8 500 *							19.8
20.0	75.3	116.9	8 500 *							20.0
22.0	73.3	116.3	8 400 *							22.0
24.0	71.3	115.6	8 300 *							24.0
26.0	69.3	114.8	8 200 *							26.0
28.0	67.3	114.0	8 000 *							28.0
30.0	65.3	113.1	7 800 *							30.0
32.0	63.2	112.1	7 600 *	68.2	114.0	7 800 *				32.0
34.0	61.0	111.0	7 300 *	66.1	113.1	7 700 *				34.0
36.0	58.9	109.8	7 000 *	64.0	112.1	7 600 *				36.0
38.0	56.6	108.5	6 800 *	61.9	111.1	7 600 *				38.0
40.0	54.3	107.1	6 500 *	59.8	109.9	7 400 *				40.0
42.0	52.0	105.5	6 200 *	57.6	108.6	7 100 *				42.0
44.0	49.5	103.8	6 000 *	55.3	107.3	6 800 *				44.0
46.0	47.0	102.0	5 700 *	53.0	105.8	6 500 *				46.0
48.0	44.3	100.0	5 500 *	50.5	104.2	6 300 *				48.0
50.0	41.5	97.8	5 200 *	48.0	102.4	6 000 *				50.0
52.0	38.6	95.3	5 000 *	45.4	100.4	5 500 *				52.0
54.0	35.4	92.6	4 700 *	42.7	98.3	5 200 *				54.0
56.0	31.9	89.5	4 500 *	39.8	96.0	4 800 *	55.5	104.4	3 000 *	56.0
58.0	28.1	85.9	4 300 *	36.7	93.3	4 500 *	53.2	102.9	2 800 *	58.0
60.0	23.7	81.6	4 000 *	33.4	90.4	4 200 *	50.8	101.3	2 600 *	60.0
62.0	18.2	76.1	3 800 *	29.7	87.0	3 900 *	48.3	99.6	2 400 *	62.0
64.0	10.0	67.6	3 200 *	25.6	83.1	3 700 *	45.7	97.7	2 300 *	64.0
68.0				14.1	71.4	3 200 *	40.1	93.2	2 000 *	68.0



# Liftcrane Fixed Jib Capacities

# 777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
Luffing Jib No. 139 On Boom No. 78  
64 410 kg Crane Counterweight  
19 960 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 Oper. Radius Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
21.3	74.8	119.6	7 700 *							21.3
22.0	74.1	119.4	7 600 *							22.0
24.0	72.3	118.8	7 500 *							24.0
26.0	70.4	118.1	7 400 *							26.0
28.0	68.5	117.3	7 300 *							28.0
30.0	66.5	116.5	7 100 *							30.0
32.0	64.5	115.5	7 000 *	69.3	117.2	7 000 *				32.0
34.0	62.5	114.5	6 800 *	67.3	116.4	6 900 *				34.0
36.0	60.5	113.4	6 600 *	65.4	115.5	6 900 *				36.0
38.0	58.4	112.1	6 400 *	63.4	114.5	6 800 *				38.0
40.0	56.3	110.8	6 100 *	61.4	113.4	6 700 *				40.0
42.0	54.1	109.4	5 900 *	59.3	112.3	6 700 *				42.0
44.0	51.8	107.8	5 700 *	57.2	111.0	6 600 *				44.0
46.0	49.5	106.1	5 500 *	55.0	109.6	6 400 *				46.0
48.0	47.1	104.3	5 200 *	52.8	108.1	6 200 *				48.0
50.0	44.5	102.3	5 000 *	50.5	106.5	5 800 *				50.0
52.0	41.9	100.1	4 800 *	48.1	104.7	5 400 *				52.0
54.0	39.1	97.7	4 600 *	45.6	102.8	5 000 *				54.0
56.0	36.1	95.0	4 400 *	43.0	100.6	4 700 *				56.0
58.0	32.9	92.0	4 200 *	40.3	98.3	4 300 *	55.2	106.7	2 700 *	58.0
60.0	29.4	88.6	4 000 *	37.4	95.8	4 100 *	53.0	105.3	2 500 *	60.0
62.0	25.4	84.6	3 800 *	34.3	92.9	3 800 *	50.7	103.6	2 300 *	62.0
64.0	20.7	79.7	3 400 *	30.9	89.7	3 500 *	48.4	101.9	2 200 *	64.0
68.0				22.8	81.5	3 000 *	43.3	97.9	1 900 *	68.0



# Liftcrane Fixed Jib Capacities

# 777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
 Luffing Jib No. 139 On Boom No. 78  
 64 410 kg Crane Counterweight  
 19 960 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, 42.7m (140 Ft.) Luffing Jib, 15.2m (50 Ft.) Fixed Jib

Fixed Jib Oper. Radius Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
19.8	74.8	113.7	8 100 *							19.8
20.0	74.6	113.7	8 100 *							20.0
22.0	72.5	113.1	8 100 *							22.0
24.0	70.4	112.3	8 000 *							24.0
26.0	68.3	111.6	7 900 *							26.0
28.0	66.1	110.7	7 800 *							28.0
30.0	64.0	109.7	7 600 *							30.0
32.0	61.7	108.6	7 200 *	67.0	110.6	7 700 *				32.0
34.0	59.4	107.5	6 900 *	64.9	109.7	7 600 *				34.0
36.0	57.1	106.2	6 600 *	62.7	108.7	7 500 *				36.0
38.0	54.7	104.8	6 300 *	60.4	107.5	7 200 *				38.0
40.0	52.2	103.2	6 000 *	58.1	106.3	6 800 *				40.0
42.0	49.6	101.5	5 700 *	55.7	105.0	6 500 *				42.0
44.0	47.0	99.7	5 500 *	53.3	103.5	6 200 *				44.0
46.0	44.1	97.7	5 300 *	50.7	101.9	5 900 *				46.0
48.0	41.2	95.4	5 100 *	48.1	100.1	5 700 *				48.0
50.0	38.0	92.9	5 000 *	45.3	98.1	5 500 *				50.0
52.0	34.6	90.1	4 800 *	42.4	96.0	5 300 *				52.0
54.0	30.9	86.9	4 600 *	39.4	93.6	5 100 *	56.0	102.1	3 500 *	54.0
56.0	26.7	83.1	4 400 *	36.1	90.9	4 900 *	53.5	100.6	3 300 *	56.0
58.0	21.6	78.4	4 100 *	32.5	87.9	4 800 *	51.0	99.0	3 100 *	58.0
60.0	15.0	72.0	3 900 *	28.5	84.3	4 600 *	48.4	97.3	2 900 *	60.0
62.0				23.9	80.1	4 300 *	45.6	95.4	2 800	62.0
64.0				18.1	74.6	4 000 *	42.8	93.2	2 600	64.0
68.0							36.5	88.2	2 200	68.0
72.0							29.0	81.7	1 900	72.0

# Liftcrane Fixed Jib Capacities

# 777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
Luffing Jib No. 139 On Boom No. 78  
64 410 kg Crane Counterweight  
19 960 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, 45.7m (150 Ft.) Luffing Jib, 15.2m (50 Ft.) Fixed Jib

Fixed Jib Oper. Radius Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
19.8	75.5	116.9	7 900 *							19.8
20.0	75.4	116.9	7 900 *							20.0
22.0	73.4	116.3	7 800 *							22.0
24.0	71.4	115.6	7 700 *							24.0
26.0	69.4	114.8	7 600 *							26.0
28.0	67.4	114.0	7 400 *							28.0
30.0	65.4	113.1	7 300 *							30.0
32.0	63.3	112.1	7 100 *	68.3	114.0	7 300 *				32.0
34.0	61.1	111.0	6 700 *	66.2	113.1	7 100 *				34.0
36.0	58.9	109.8	6 400 *	64.1	112.1	7 000 *				36.0
38.0	56.7	108.5	6 100 *	62.0	111.1	6 900 *				38.0
40.0	54.4	107.1	5 900 *	59.9	109.9	6 700 *				40.0
42.0	52.0	105.5	5 700 *	57.6	108.6	6 400 *				42.0
44.0	49.6	103.8	5 400 *	55.4	107.3	6 100 *				44.0
46.0	47.1	102.0	5 200 *	53.0	105.8	5 900 *				46.0
48.0	44.4	100.0	5 100 *	50.6	104.2	5 600 *				48.0
50.0	41.6	97.8	4 900 *	48.1	102.4	5 400 *				50.0
52.0	38.6	95.3	4 700 *	45.5	100.4	5 200 *				52.0
54.0	35.5	92.6	4 600 *	42.8	98.3	5 000 *				54.0
56.0	32.0	89.5	4 400 *	39.9	96.0	4 800 *	55.6	104.4	3 200 *	56.0
58.0	28.2	85.9	4 100 *	36.8	93.3	4 700 *	53.3	102.9	3 000 *	58.0
60.0	23.7	81.6	3 900 *	33.5	90.4	4 500 *	50.9	101.3	2 800 *	60.0
62.0	18.3	76.1	3 700 *	29.8	87.0	4 200 *	48.4	99.6	2 700 *	62.0
64.0	10.1	67.7	3 400 *	25.7	83.1	3 900 *	45.8	97.7	2 500 *	64.0
68.0				14.2	71.5	3 500 *	40.2	93.2	2 200 *	68.0
72.0							33.9	87.7	1 900	72.0



# Liftcrane Fixed Jib Capacities

# 777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
 Luffing Jib No. 139 On Boom No. 78  
 64 410 kg Crane Counterweight  
 19 960 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, 48.8m (160 Ft.) Luffing Jib, 15.2m (50 Ft.) Fixed Jib

Fixed Jib Oper. Radius Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
21.3	74.8	119.6	7 300 *							21.3
22.0	74.2	119.4	7 300 *							22.0
24.0	72.3	118.8	7 100 *							24.0
26.0	70.5	118.1	7 000 *							26.0
28.0	68.5	117.3	6 900 *							28.0
30.0	66.6	116.5	6 800 *							30.0
32.0	64.6	115.5	6 700 *	69.3	117.2	6 700 *				32.0
34.0	62.6	114.5	6 500 *	67.4	116.4	6 600 *				34.0
36.0	60.6	113.4	6 300 *	65.5	115.5	6 500 *				36.0
38.0	58.5	112.1	6 000 *	63.5	114.5	6 400 *				38.0
40.0	56.4	110.8	5 800 *	61.4	113.4	6 400 *				40.0
42.0	54.2	109.4	5 500 *	59.4	112.3	6 200 *				42.0
44.0	51.9	107.8	5 300 *	57.3	111.0	6 000 *				44.0
46.0	49.6	106.1	5 100 *	55.1	109.6	5 800 *				46.0
48.0	47.2	104.3	5 000 *	52.9	108.1	5 500 *				48.0
50.0	44.6	102.3	4 800 *	50.6	106.5	5 300 *				50.0
52.0	42.0	100.1	4 700 *	48.2	104.7	5 100 *				52.0
54.0	39.2	97.7	4 500 *	45.7	102.8	4 900 *				54.0
56.0	36.2	95.0	4 300 *	43.1	100.6	4 800 *				56.0
58.0	33.0	92.0	4 100 *	40.4	98.3	4 600 *	55.3	106.7	2 800 *	58.0
60.0	29.5	88.6	3 900 *	37.5	95.8	4 300 *	53.1	105.3	2 600 *	60.0
62.0	25.5	84.6	3 700 *	34.4	92.9	4 000 *	50.8	103.6	2 400 *	62.0
64.0	20.8	79.7	3 500 *	31.0	89.7	3 700 *	48.4	101.9	2 300 *	64.0
68.0				22.9	81.5	3 300 *	43.4	97.9	2 000 *	68.0

# Liftcrane Fixed Jib Capacities

# 777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
Luffing Jib No. 139 On Boom No. 78  
64 410 kg Crane Counterweight  
19 960 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, 15.2m (50 Ft.) Fixed Jib

Fixed Jib Oper. Radius Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
21.3	75.5	122.8	6 700 *							21.3
22.0	75.0	122.6	6 700 *							22.0
24.0	73.2	122.0	6 500 *							24.0
26.0	71.4	121.3	6 400 *							26.0
28.0	69.6	120.6	6 300 *							28.0
30.0	67.7	119.8	6 200 *							30.0
32.0	65.9	118.9	6 100 *							32.0
34.0	64.0	117.9	6 100 *	68.5	119.7	6 100 *				34.0
36.0	62.0	116.9	5 900 *	66.6	118.9	6 000 *				36.0
38.0	60.1	115.7	5 800 *	64.8	117.9	5 900 *				38.0
40.0	58.1	114.5	5 600 *	62.9	116.9	5 800 *				40.0
42.0	56.0	113.1	5 400 *	60.9	115.8	5 800 *				42.0
44.0	53.9	111.7	5 200 *	58.9	114.6	5 700 *				44.0
46.0	51.8	110.1	5 000 *	56.9	113.3	5 600 *				46.0
48.0	49.5	108.4	4 800 *	54.8	111.9	5 400 *				48.0
50.0	47.2	106.6	4 700 *	52.7	110.4	5 200 *				50.0
52.0	44.8	104.6	4 500 *	50.5	108.8	5 000 *				52.0
54.0	42.3	102.5	4 300 *	48.2	107.0	4 800 *				54.0
56.0	39.7	100.1	4 200 *	45.9	105.1	4 700 *				56.0
58.0	36.9	97.5	4 000 *	43.4	103.0	4 400 *	57.1	110.4	2 600 *	58.0
60.0	33.9	94.6	3 800 *	40.8	100.7	4 100 *	55.1	109.1	2 500 *	60.0
62.0	30.6	91.3	3 600 *	38.1	98.2	3 800 *	52.9	107.6	2 300 *	62.0
64.0	27.0	87.5	3 500 *	35.2	95.4	3 600 *	50.7	105.9	2 100 *	64.0
68.0	17.7	77.4	3 000 *	28.6	88.8	3 100 *	46.1	102.3	1 800 *	68.0
72.0				20.0	79.5	2 700 *				72.0



# Liftcrane Fixed Jib Capacities

# 777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
 Luffing Jib No. 139 On Boom No. 78  
 64 410 kg Crane Counterweight  
 19 960 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, 42.7m (140 Ft.) Luffing Jib, 18.3m (60 Ft.) Fixed Jib

Fixed Jib Oper. Radius Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
19.8	75.3	116.9	6 800 *							19.8
20.0	75.2	116.9	6 800 *							20.0
22.0	73.2	116.3	6 600 *							22.0
24.0	71.2	115.6	6 500 *							24.0
26.0	69.2	114.9	6 300 *							26.0
28.0	67.2	114.0	6 100 *							28.0
30.0	65.2	113.1	6 000 *							30.0
32.0	63.1	112.1	5 800 *	68.1	114.0	6 100 *				32.0
34.0	60.9	111.0	5 700 *	66.0	113.1	6 000 *				34.0
36.0	58.8	109.8	5 600 *	63.9	112.1	5 800 *				36.0
38.0	56.5	108.5	5 500 *	61.8	111.1	5 700 *				38.0
40.0	54.2	107.1	5 400 *	59.7	109.9	5 600 *				40.0
42.0	51.9	105.5	5 200 *	57.5	108.7	5 500 *				42.0
44.0	49.4	103.9	5 000 *	55.2	107.3	5 400 *				44.0
46.0	46.9	102.0	4 800 *	52.9	105.8	5 300 *				46.0
48.0	44.2	100.0	4 600 *	50.4	104.2	5 100 *				48.0
50.0	41.4	97.8	4 400 *	47.9	102.4	4 900 *				50.0
52.0	38.5	95.3	4 200 *	45.3	100.5	4 700 *				52.0
54.0	35.3	92.6	4 100 *	42.6	98.3	4 600 *				54.0
56.0	31.8	89.5	4 000 *	39.7	96.0	4 400 *	55.4	104.4	3 300 *	56.0
58.0	28.0	85.9	3 800 *	36.6	93.4	4 300 *	53.1	103.0	3 100 *	58.0
60.0	23.6	81.6	3 700 *	33.3	90.4	4 100 *	50.7	101.4	2 900 *	60.0
62.0	18.1	76.2	3 500 *	29.7	87.1	4 000 *	48.2	99.6	2 700 *	62.0
64.0	10.0	67.7	3 400 *	25.5	83.1	3 900 *	45.6	97.7	2 600 *	64.0
68.0				14.0	71.5	3 600 *	40.1	93.3	2 200	68.0
72.0							33.7	87.8	2 000	72.0



# Liftcrane Fixed Jib Capacities

# 777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
Luffing Jib No. 139 On Boom No. 78  
64 410 kg Crane Counterweight  
19 960 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, 45.7m (150 Ft.) Luffing Jib, 18.3m (60 Ft.) Fixed Jib

Fixed Jib Oper. Radius Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
21.3	74.7	119.7	6 400 *							21.3
22.0	74.0	119.5	6 300 *							22.0
24.0	72.2	118.8	6 200 *							24.0
26.0	70.3	118.1	6 100 *							26.0
28.0	68.4	117.3	5 900 *							28.0
30.0	66.4	116.5	5 800 *							30.0
32.0	64.4	115.5	5 700 *	69.2	117.3	5 800 *				32.0
34.0	62.4	114.5	5 500 *	67.2	116.4	5 700 *				34.0
36.0	60.4	113.4	5 400 *	65.3	115.5	5 600 *				36.0
38.0	58.3	112.2	5 300 *	63.3	114.5	5 500 *				38.0
40.0	56.2	110.8	5 200 *	61.3	113.4	5 400 *				40.0
42.0	54.0	109.4	5 100 *	59.2	112.3	5 300 *				42.0
44.0	51.7	107.8	4 900 *	57.1	111.0	5 200 *				44.0
46.0	49.4	106.2	4 700 *	54.9	109.6	5 100 *				46.0
48.0	47.0	104.3	4 500 *	52.7	108.1	5 000 *				48.0
50.0	44.5	102.3	4 300 *	50.4	106.5	4 900 *				50.0
52.0	41.8	100.1	4 200 *	48.0	104.7	4 600 *				52.0
54.0	39.0	97.7	4 000 *	45.5	102.8	4 500 *				54.0
56.0	36.0	95.1	3 900 *	42.9	100.7	4 300 *				56.0
58.0	32.8	92.1	3 800 *	40.2	98.4	4 200 *	55.1	106.8	2 900 *	58.0
60.0	29.3	88.6	3 700 *	37.3	95.8	4 000 *	52.9	105.3	2 800 *	60.0
62.0	25.3	84.7	3 500 *	34.2	92.9	3 900 *	50.6	103.7	2 600 *	62.0
64.0	20.6	79.8	3 400 *	30.8	89.7	3 800 *	48.3	101.9	2 400 *	64.0
68.0				22.7	81.5	3 500 *	43.2	97.9	2 200 *	68.0
72.0							37.6	93.1	1 900 *	72.0



# Liftcrane Fixed Jib Capacities

# 777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
 Luffing Jib No. 139 On Boom No. 78  
 64 410 kg Crane Counterweight  
 19 960 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, 48.8m (160 Ft.) Luffing Jib, 18.3m (60 Ft.) Fixed Jib

Fixed Jib Oper. Radius Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
21.3	75.4	122.8	6 000 *							21.3
22.0	74.8	122.6	6 000 *							22.0
24.0	73.0	122.0	5 900 *							24.0
26.0	71.2	121.4	5 800 *							26.0
28.0	69.4	120.6	5 600 *							28.0
30.0	67.6	119.8	5 500 *							30.0
32.0	65.7	118.9	5 400 *	70.1	120.5	5 500 *				32.0
34.0	63.8	117.9	5 300 *	68.3	119.7	5 400 *				34.0
36.0	61.9	116.9	5 200 *	66.5	118.9	5 300 *				36.0
38.0	59.9	115.7	5 100 *	64.6	117.9	5 200 *				38.0
40.0	57.9	114.5	5 000 *	62.7	116.9	5 100 *				40.0
42.0	55.9	113.2	4 900 *	60.7	115.8	5 000 *				42.0
44.0	53.8	111.7	4 800 *	58.7	114.6	5 000 *				44.0
46.0	51.6	110.1	4 600 *	56.7	113.3	4 900 *				46.0
48.0	49.4	108.5	4 400 *	54.6	111.9	4 800 *				48.0
50.0	47.1	106.6	4 300 *	52.5	110.4	4 700 *				50.0
52.0	44.7	104.6	4 100 *	50.3	108.8	4 600 *				52.0
54.0	42.2	102.5	4 000 *	48.0	107.0	4 400 *				54.0
56.0	39.5	100.1	3 900 *	45.7	105.1	4 200 *				56.0
58.0	36.7	97.5	3 800 *	43.2	103.0	4 100 *	57.0	110.5	2 700 *	58.0
60.0	33.7	94.6	3 600 *	40.6	100.7	4 000 *	54.9	109.1	2 500 *	60.0
62.0	30.5	91.3	3 500 *	37.9	98.2	3 800 *	52.8	107.6	2 400 *	62.0
64.0	26.8	87.6	3 400 *	35.0	95.4	3 700 *	50.6	106.0	2 300 *	64.0
68.0	17.5	77.4	3 100 *	28.4	88.8	3 300 *	46.0	102.3	1 900 *	68.0
72.0				19.8	79.6	2 900 *				72.0



# Liftcrane Fixed Jib Capacities

# 777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On  
Luffing Jib No. 139 On Boom No. 78  
64 410 kg Crane Counterweight  
19 960 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, 18.3m (60 Ft.) Fixed Jib

Fixed Jib Oper. Radius Meters	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
21.3	76.0	126.0	5 700 *							21.3
22.0	75.5	125.8	5 600 *							22.0
24.0	73.8	125.2	5 600 *							24.0
26.0	72.0	124.6	5 400 *							26.0
28.0	70.3	123.9	5 300 *							28.0
30.0	68.6	123.1	5 200 *							30.0
32.0	66.8	122.3	5 100 *							32.0
34.0	65.0	121.3	5 000 *	69.3	123.0	5 100 *				34.0
36.0	63.2	120.3	4 900 *	67.5	122.2	5 000 *				36.0
38.0	61.3	119.3	4 900 *	65.8	121.3	4 900 *				38.0
40.0	59.5	118.1	4 700 *	64.0	120.4	4 900 *				40.0
42.0	57.5	116.8	4 700 *	62.1	119.3	4 800 *				42.0
44.0	55.6	115.5	4 600 *	60.3	118.2	4 700 *				44.0
46.0	53.6	114.0	4 500 *	58.3	117.0	4 700 *				46.0
48.0	51.5	112.5	4 300 *	56.4	115.6	4 600 *				48.0
50.0	49.4	110.8	4 200 *	54.4	114.2	4 500 *				50.0
52.0	47.2	108.9	4 000 *	52.4	112.7	4 400 *				52.0
54.0	44.9	107.0	3 900 *	50.3	111.1	4 300 *				54.0
56.0	42.5	104.8	3 800 *	48.1	109.3	4 200 *				56.0
58.0	40.0	102.5	3 700 *	45.8	107.4	4 000 *				58.0
60.0	37.3	99.9	3 500 *	43.5	105.3	3 900 *	56.6	112.8	2 400 *	60.0
62.0	34.5	97.1	3 400 *	41.0	103.1	3 700 *	54.6	111.4	2 300 *	62.0
64.0	31.5	93.9	3 300 *	38.5	100.6	3 600 *	52.6	109.9	2 100 *	64.0
68.0	24.4	86.2	3 000 *	32.8	94.9	3 200 *	48.3	106.5	1 800 *	68.0
72.0	14.1	74.3	2 500 *	26.0	87.6	2 700 *				72.0
76.0				16.8	77.0	2 300 *				76.0