

Liftcrane Luffing Jib Capacities

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

777 SERIES 2

LIFTING CAPACITIES: Lifting capacities for various boom lengths, boom angles, luffing jib lengths, and luffing 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 (*). Capacities indicated by (b) require 1 280 kg minimum block weight.

Lower boom point assembly must be completely removed on 54.9m boom length.

Weight of all load blocks, hooks, weight ball, slings, hoist lines, etc., beneath boom and luffing jib point sheaves, is considered part of luffing jib load. Boom and luffing 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 luffing jib assembly **No. 179420**, Wire Rope Specification chart **No. 7984-A** and Luffing Jib Raising Procedure chart **No. 7986-A**. Crane operator judgment must be used to allow for dynamic load effects of swinging, hoisting or lowering, travel, wind conditions, as well as adverse operating conditions and physical machine depreciation. Refer to operators manual for operating guidelines.

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-A**.

OPERATING RADIUS: Operating radius is horizontal distance from axis of rotation to center of vertical hoist line or load block. Boom angle is angle between horizontal and centerline of boom butt and inserts. 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.

LUFFING JIB POINT ELEVATION: Luffing jib point elevation is vertical distance from ground level to centerline of luffing 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.

Consult chart **No. 7983-AM** for lifting off lower boom point with luffing jib attached. Chart **No. 7983-AM** cannot be used when fixed jib No. 138 is attached to luffing jib No. 139.

Deduct From Luffing Jib Capacities When Fixed Jib Is Attached	
Fixed Jib Length	Fixed Jib No.138
9.1m	1 040 kg
12.2m	1 220 kg
15.2m	1 410 kg
18.3m	1 630 kg

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21.3m (70 Ft.) Boom, 21.3m (70 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
9.1	70.9	44.5	47 400 *b																			9.1
10.0	68.4	44.2	46 200 *b																			10.0
12.0	62.5	43.3	43 200 *b																			12.0
14.0	56.3	42.1	37 400 *	62.2	43.1	42 800 *b	65.7	43.4	42 500 b													14.0
16.0	49.5	40.6	31 200 *	56.0	41.9	36 400	59.6	42.4	35 700 b													16.0
18.0	42.0	38.6	26 600 *	49.2	40.3	31 100	53.2	41.1	30 800	59.2	41.9	29 800										18.0
20.0	33.2	36.0	23 100 *	41.7	38.4	26 600 *	46.1	39.4	27 000	52.7	40.5	26 000										20.0
22.0	21.5	32.2	19 800 *	32.8	35.7	23 100 *	38.1	37.2	24 000	45.6	38.8	23 100	52.2	39.8	22 300							22.0
24.0				20.9	31.8	20 100 *	28.3	34.1	21 500	37.5	36.5	20 800	45.0	38.0	20 000							24.0
26.0										27.5	33.4	18 800	36.8	35.7	18 100	44.1	37.0	17 400				26.0
28.0													26.5	32.5	16 500	35.7	34.6	15 900	42.9	35.8	15 300	28.0
30.0																25.1	31.2	14 500	34.3	33.3	14 000	30.0
32.0																2.0	22.9	13 300	23.1	29.6	12 900	32.0



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21.3m (70 Ft.) Boom, 24.4m (80 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
9.1	73.3	47.7	43 400 *b																			9.1
10.0	71.2	47.4	42 400 *b																			10.0
12.0	66.2	46.7	40 100 *																			12.0
14.0	60.9	45.7	37 600 *	66.0	46.4	40 200 *																14.0
16.0	55.4	44.4	31 200 *	60.7	45.4	36 500	63.7	45.9	35 700													16.0
18.0	49.5	42.9	26 700 *	55.1	44.2	31 100	58.4	44.8	30 600													18.0
20.0	42.9	41.0	23 200 *	49.2	42.6	26 700 *	52.6	43.4	26 800	58.0	44.2	25 900										20.0
22.0	35.5	38.5	20 400 *	42.7	40.7	23 100 *	46.5	41.7	23 800	52.3	42.8	23 000										22.0
24.0	26.3	35.2	18 000 *	35.2	38.2	20 400 *	39.6	39.5	21 400	46.1	41.1	20 600	51.8	42.1	19 900							24.0
26.0				25.9	34.8	18 000 *	31.5	36.7	19 400	39.1	38.9	18 600	45.5	40.3	17 900	51.1	41.2	17 300				26.0
28.0							20.8	32.7	17 100 *	30.9	36.1	17 000	38.5	38.1	16 300	44.7	39.3	15 700				28.0
30.0										20.0	31.9	15 600	30.1	35.2	14 900	37.6	37.1	14 400	43.7	38.1	13 800	30.0
32.0													18.7	30.8	13 700	29.0	34.0	13 200	36.4	35.7	12 700	32.0
34.0																17.0	29.3	12 200	27.5	32.5	11 800	34.0
36.0																			14.3	27.3	10 900	36.0

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21.3m (70 Ft.) Boom, 27.4m (90 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
9.1	75.2	50.9	39 000 *b																			9.1
10.0	73.4	50.6	38 000 *b																			10.0
12.0	69.0	50.0	35 600 *																			12.0
14.0	64.4	49.1	33 500 *	68.8	49.8	35 700 *																14.0
16.0	59.7	48.0	31 100 *	64.2	48.9	33 600 *																16.0
18.0	54.7	46.7	27 000 *	59.5	47.8	31 100	62.2	48.3	30 600													18.0
20.0	49.4	45.2	23 400 *	54.5	46.5	26 900 *	57.4	47.1	26 800	61.9	47.7	25 800										20.0
22.0	43.6	43.3	20 500 *	49.2	44.9	23 300 *	52.3	45.7	23 700	57.1	46.6	22 900										22.0
24.0	37.2	40.9	18 200 *	43.4	43.0	20 500 *	46.8	44.0	21 300	51.9	45.1	20 500										24.0
26.0	29.6	37.9	16 300 *	36.9	40.7	18 200 *	40.7	41.9	19 300	46.4	43.4	18 600	51.5	44.4	17 800							26.0
28.0	19.5	33.5	14 400 *	29.2	37.6	16 200 *	33.8	39.3	17 400 *	40.3	41.3	16 900	45.9	42.6	16 300	50.8	43.5	15 600				28.0
30.0				19.0	33.1	14 600 *	25.3	35.7	15 600 *	33.3	38.6	15 500	39.7	40.5	14 900	45.2	41.7	14 300				30.0
32.0							12.4	29.9	13 900 *	24.7	35.0	14 200	32.7	37.8	13 700	39.0	39.4	13 200	44.3	40.4	12 600	32.0
34.0													23.8	34.0	12 600	31.8	36.6	12 100	38.0	38.1	11 700	34.0
36.0																22.6	32.7	11 200	30.5	35.2	10 800	36.0
38.0																5.1	24.6	10 400	20.9	31.1	10 000	38.0



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777 SERIES 2

21.3m (70 Ft.) Boom, 30.5m (100 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
10.7	73.8	53.6	34 600 *b																			10.7
12.0	71.1	53.2	33 300 *																			12.0
14.0	67.1	52.4	31 100 *																			14.0
16.0	63.0	51.5	29 300 *	66.9	52.2	31 200 *																16.0
18.0	58.7	50.4	26 800 *	62.8	51.3	29 400 *	65.2	51.7	30 100													18.0
20.0	54.1	49.1	23 300 *	58.5	50.2	26 900 *	61.0	50.6	26 600													20.0
22.0	49.4	47.5	20 500 *	54.0	48.8	23 300 *	56.6	49.4	23 600	60.7	50.1	22 800										22.0
24.0	44.2	45.6	18 200 *	49.2	47.2	20 500 *	51.9	48.0	21 200	56.3	48.9	20 300										24.0
26.0	38.5	43.3	16 300 *	44.0	45.3	18 200 *	47.0	46.3	19 100	51.6	47.4	18 400	55.9	48.2	17 700							26.0
28.0	32.0	40.5	14 600 *	38.3	43.1	16 300 *	41.6	44.2	17 400	46.7	45.7	16 700	51.2	46.7	16 100							28.0
30.0	24.0	36.7	13 200 *	31.7	40.2	14 600 *	35.6	41.7	15 600 *	41.2	43.6	15 300	46.2	44.9	14 700							30.0
32.0	11.7	30.5	11 300 *	23.6	36.4	13 200 *	28.5	38.5	14 100 *	35.2	41.1	14 100	40.7	42.8	13 600	45.6	44.0	13 000				32.0
34.0							19.1	34.0	12 700 *	28.0	37.8	13 000	34.6	40.2	12 500	40.1	41.8	12 000	44.8	42.7	11 500	34.0
36.0										18.4	33.2	12 100	27.3	36.9	11 600	33.8	39.1	11 100	39.2	40.5	10 600	36.0
38.0													17.4	32.0	10 800	26.3	35.7	10 300	32.8	37.8	9 900	38.0
40.0																15.8	30.5	9 600	25.0	34.1	9 200	40.0
42.0																			13.6	28.4	8 600	42.0

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777 SERIES 2

21.3m (70 Ft.) Boom, 33.5m (110 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
10.7	75.3	56.8	32 000 *b																			10.7
12.0	72.9	56.4	30 800 *																			12.0
14.0	69.3	55.7	29 100 *																			14.0
16.0	65.6	54.9	27 400 *	69.1	55.5	29 100 *																16.0
18.0	61.8	53.9	25 800 *	65.4	54.7	27 500 *																18.0
20.0	57.8	52.7	23 400 *	61.6	53.7	25 900 *	63.8	54.1	26 700													20.0
22.0	53.7	51.4	20 600 *	57.7	52.5	23 500 *	59.9	53.0	23 600													22.0
24.0	49.3	49.8	18 300 *	53.5	51.1	20 600 *	55.9	51.8	21 100	59.7	52.5	20 300										24.0
26.0	44.7	47.9	16 400 *	49.1	49.5	18 300 *	51.7	50.3	19 100	55.6	51.2	18 400										26.0
28.0	39.6	45.7	14 800 *	44.4	47.7	16 400 *	47.2	48.6	17 400	51.4	49.8	16 700	55.3	50.5	16 100							28.0
30.0	33.8	43.0	13 400 *	39.3	45.4	14 800 *	42.3	46.6	15 700 *	46.9	48.0	15 300	51.0	49.0	14 700							30.0
32.0	27.1	39.6	12 100 *	33.6	42.7	13 400 *	37.0	44.1	14 200 *	42.0	46.0	14 100	46.5	47.3	13 500	50.5	48.1	13 000				32.0
34.0	18.2	34.8	10 900 *	26.8	39.3	12 100 *	30.8	41.2	12 900 *	36.6	43.5	13 000	41.6	45.2	12 500	45.9	46.3	12 000				34.0
36.0				17.7	34.4	11 000 *	23.3	37.3	11 700 *	30.4	40.5	12 100	36.1	42.7	11 600	41.0	44.2	11 100	45.2	45.1	10 600	36.0
38.0							12.0	31.0	10 600 *	22.7	36.5	11 200	29.8	39.6	10 800	35.4	41.6	10 300	40.1	42.9	9 900	38.0
40.0													22.0	35.5	10 100	29.0	38.4	9 600	34.5	40.3	9 200	40.0
42.0																20.9	34.1	9 000	27.9	37.0	8 600	42.0
44.0																6.3	25.9	8 400	19.4	32.4	8 000	44.0



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21.3m (70 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
12.2	74.1	59.5	28 400 *																			12.2
14.0	71.1	59.0	26 900 *																			14.0
16.0	67.7	58.2	25 400 *																			16.0
18.0	64.3	57.3	23 900 *	67.6	58.0	25 400 *																18.0
20.0	60.8	56.3	22 500 *	64.2	57.1	24 000 *	66.1	57.4	24 700 *													20.0
22.0	57.1	55.1	20 600 *	60.6	56.1	22 600 *	62.7	56.5	23 200													22.0
24.0	53.3	53.7	18 200 *	57.0	54.8	20 600 *	59.1	55.4	21 100													24.0
26.0	49.3	52.1	16 300 *	53.2	53.4	18 200 *	55.4	54.1	19 000	58.9	54.9	18 200										26.0
28.0	45.0	50.2	14 700 *	49.1	51.8	16 300 *	51.5	52.6	17 200	55.1	53.6	16 600										28.0
30.0	40.4	48.1	13 300 *	44.8	50.0	14 700 *	47.3	50.9	15 600 *	51.2	52.1	15 200	54.8	52.8	14 600							30.0
32.0	35.3	45.5	12 100 *	40.2	47.8	13 300 *	42.9	48.9	14 100 *	47.1	50.3	14 000	50.9	51.3	13 400							32.0
34.0	29.4	42.3	11 000 *	35.1	45.2	12 100 *	38.1	46.5	12 800 *	42.6	48.3	12 900	46.7	49.6	12 300	50.4	50.4	11 800				34.0
36.0	22.3	38.2	10 100 *	29.2	42.0	11 000 *	32.7	43.7	11 700 *	37.8	45.9	11 900	42.2	47.5	11 400	46.2	48.6	10 900				36.0
38.0	11.4	31.6	8 700 *	21.9	37.8	10 100 *	26.3	40.2	10 700 *	32.3	43.1	11 100	37.3	45.1	10 600	41.7	46.5	10 100				38.0
40.0							18.0	35.3	9 700 *	25.8	39.5	10 400	31.8	42.2	9 900	36.7	44.0	9 500	40.9	45.2	9 000	40.0
42.0										17.3	34.4	9 700	25.2	38.5	9 300	31.1	41.1	8 900	35.9	42.7	8 500	42.0
44.0													16.4	33.3	8 700	24.3	37.3	8 300	30.2	39.6	7 900	44.0
46.0																15.0	31.7	7 800	23.2	35.7	7 400	46.0
48.0																			13.1	29.5	6 900	48.0

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64 410 kg Crane Counterweight
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21.3m (70 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
12.2	75.3	62.7	23 400 *																			12.2
14.0	72.6	62.2	22 700 *																			14.0
16.0	69.5	61.5	21 700 *																			16.0
18.0	66.4	60.7	20 500 *																			18.0
20.0	63.2	59.7	19 300 *	66.3	60.5	20 500 *																20.0
22.0	59.9	58.7	18 200 *	63.1	59.5	19 300 *	64.9	59.9	19 900 *													22.0
24.0	56.5	57.4	17 200 *	59.8	58.4	18 300 *	61.7	58.9	18 800 *													24.0
26.0	53.0	56.0	16 200 *	56.4	57.2	17 200 *	58.3	57.7	17 800 *	61.5	58.4	18 100										26.0
28.0	49.3	54.4	14 800 *	52.8	55.8	16 200 *	54.9	56.4	16 800 *	58.1	57.2	16 500										28.0
30.0	45.3	52.5	13 300 *	49.1	54.1	14 800 *	51.3	54.9	15 700 *	54.7	55.9	15 100										30.0
32.0	41.1	50.4	12 100 *	45.2	52.3	13 300 *	47.5	53.2	14 200 *	51.0	54.4	13 800	54.4	55.1	13 200							32.0
34.0	36.5	47.9	11 100 *	40.9	50.1	12 200 *	43.4	51.2	12 800 *	47.2	52.6	12 800	50.7	53.6	12 200							34.0
36.0	31.3	45.0	10 100 *	36.3	47.6	11 100 *	39.0	48.9	11 700 *	43.1	50.6	11 900	46.9	51.9	11 300	50.3	52.7	10 800				36.0
38.0	25.2	41.2	9 200 *	31.1	44.6	10 100 *	34.1	46.2	10 700 *	38.7	48.3	11 000	42.8	49.8	10 500	46.4	50.9	10 100				38.0
40.0	17.2	36.1	8 400 *	24.9	40.9	9 300 *	28.6	43.0	9 800 *	33.8	45.6	10 300	38.3	47.5	9 800	42.3	48.8	9 300	45.8	49.7	8 900	40.0
42.0				16.8	35.6	8 500 *	21.8	38.7	9 000 *	28.2	42.3	9 600	33.4	44.7	9 200	37.8	46.5	8 700	41.6	47.6	8 300	42.0
44.0							11.7	32.1	8 200 *	21.3	37.9	8 900	27.7	41.3	8 600	32.8	43.6	8 200	37.0	45.1	7 800	44.0
46.0													20.6	36.9	8 000	26.9	40.1	7 700	31.9	42.2	7 300	46.0
48.0																19.6	35.5	7 200	26.0	38.6	6 900	48.0
50.0																7.1	27.1	6 700	18.3	33.7	6 400	50.0



Liftcrane Luffing Jib Capacities

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

777 SERIES 2

21.3m (70 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
13.7	74.3	65.4	21 400 *																			13.7
14.0	73.9	65.4	21 200 *																			14.0
16.0	71.1	64.7	20 100 *																			16.0
18.0	68.2	64.0	18 900 *																			18.0
20.0	65.3	63.1	17 800 *	68.1	63.8	18 900 *																20.0
22.0	62.3	62.1	16 700 *	65.1	62.9	17 700 *	66.8	63.2	18 300 *													22.0
24.0	59.2	61.0	15 700 *	62.2	61.9	16 700 *	63.9	62.3	17 300 *													24.0
26.0	56.0	59.7	14 800 *	59.1	60.8	15 800 *	60.8	61.3	16 300 *													26.0
28.0	52.7	58.3	14 000 *	55.9	59.5	14 800 *	57.7	60.1	15 300 *	60.6	60.7	16 100										28.0
30.0	49.3	56.7	13 100 *	52.6	58.1	14 000 *	54.5	58.7	14 500 *	57.5	59.5	14 900										30.0
32.0	45.6	54.9	12 000 *	49.1	56.4	13 200 *	51.1	57.2	13 700 *	54.3	58.2	13 700	57.2	58.8	13 100							32.0
34.0	41.7	52.8	11 000 *	45.5	54.6	12 000 *	47.6	55.5	12 800 *	50.9	56.7	12 600	54.0	57.5	12 100							34.0
36.0	37.5	50.3	10 000 *	41.6	52.5	11 000 *	43.8	53.5	11 600 *	47.3	54.9	11 700	50.6	55.9	11 200							36.0
38.0	32.8	47.5	9 200 *	37.3	50.1	10 100 *	39.8	51.3	10 600 *	43.6	53.0	10 900	47.0	54.2	10 400	50.2	55.0	9 900				38.0
40.0	27.5	44.1	8 400 *	32.6	47.2	9 200 *	35.4	48.7	9 700 *	39.5	50.7	10 200	43.2	52.2	9 700	46.6	53.2	9 200				40.0
42.0	20.9	39.6	7 700 *	27.3	43.7	8 400 *	30.4	45.6	8 900 *	35.1	48.1	9 500	39.2	49.9	9 000	42.8	51.2	8 600	46.0	52.0	8 200	42.0
44.0	11.3	32.7	6 800 *	20.6	39.2	7 700 *	24.6	41.8	8 200 *	30.1	44.9	8 900	34.7	47.2	8 400	38.7	48.8	8 000	42.2	49.9	7 600	44.0
46.0							17.1	36.5	7 500 *	24.2	41.0	8 200 *	29.6	44.0	7 900	34.1	46.1	7 500	38.0	47.5	7 100	46.0
48.0										16.5	35.7	7 500 *	23.6	40.1	7 400	29.0	42.9	7 000	33.4	44.8	6 700	48.0
50.0													15.6	34.5	7 000	22.9	38.8	6 600	28.1	41.4	6 300	50.0
52.0																14.4	32.8	6 200	21.8	37.1	5 900	52.0
54.0																			12.7	30.7	5 500	54.0

Liftcrane Luffing Jib Capacities

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

777 SERIES 2

21.3m (70 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
13.7	75.3	68.6	19 800 *																			13.7
14.0	75.0	68.5	19 700 *																			14.0
16.0	72.4	67.9	18 500 *																			16.0
18.0	69.7	67.2	17 400 *																			18.0
20.0	67.0	66.4	16 400 *	69.6	67.0	17 400 *																20.0
22.0	64.3	65.5	15 400 *	66.9	66.2	16 400 *																22.0
24.0	61.4	64.5	14 500 *	64.2	65.3	15 400 *	65.7	65.7	15 900 *													24.0
26.0	58.6	63.4	13 600 *	61.3	64.3	14 500 *	62.9	64.7	15 000 *													26.0
28.0	55.6	62.1	12 800 *	58.4	63.1	13 600 *	60.1	63.6	14 100 *													28.0
30.0	52.5	60.6	12 000 *	55.4	61.8	12 800 *	57.2	62.4	13 300 *	59.9	63.1	13 900 *										30.0
32.0	49.2	59.0	11 200 *	52.3	60.4	12 000 *	54.1	61.0	12 400 *	57.0	61.9	13 100 *										32.0
34.0	45.8	57.2	10 600 *	49.1	58.7	11 300 *	51.0	59.5	11 700 *	53.9	60.5	12 300 *	56.7	61.2	12 000							34.0
36.0	42.2	55.1	9 900 *	45.7	56.9	10 600 *	47.7	57.8	11 000 *	50.8	59.0	11 600	53.7	59.8	11 100							36.0
38.0	38.4	52.7	9 200 *	42.1	54.8	10 000 *	44.2	55.9	10 300 *	47.4	57.2	10 800	50.5	58.2	10 300							38.0
40.0	34.1	50.0	8 400 *	38.2	52.4	9 200 *	40.4	53.7	9 700 *	43.9	55.3	10 100	47.2	56.5	9 600	50.1	57.3	9 200				40.0
42.0	29.3	46.8	7 800 *	33.9	49.7	8 500 *	36.4	51.1	8 900 *	40.2	53.1	9 400	43.6	54.5	9 000	46.8	55.5	8 500				42.0
44.0	23.7	42.8	7 100 *	29.1	46.4	7 800 *	31.9	48.2	8 200 *	36.1	50.5	8 900	39.9	52.3	8 400	43.2	53.5	8 000				44.0
46.0	16.4	37.3	6 500 *	23.5	42.4	7 200 *	26.8	44.6	7 500 *	31.7	47.5	8 200 *	35.8	49.7	7 900	39.4	51.2	7 500	42.6	52.2	7 100	46.0
48.0				16.1	36.8	6 600 *	20.6	40.1	6 900 *	26.5	43.9	7 500 *	31.2	46.7	7 400	35.3	48.6	7 000	38.8	49.9	6 600	48.0
50.0							11.6	33.1	6 300 *	20.2	39.3	6 900 *	26.0	43.0	6 900	30.7	45.5	6 600	34.6	47.2	6 200	50.0
52.0													19.5	38.2	6 500	25.3	41.7	6 200	29.9	44.1	5 900	52.0
54.0																18.6	36.8	5 800	24.4	40.2	5 500	54.0
56.0																7.6	28.2	5 500	17.4	34.9	5 200	56.0



Liftcrane Luffing Jib Capacities

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

777 SERIES 2

21.3m (70 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
15.2	74.4	71.3	17 400 *																			15.2
16.0	73.5	71.1	17 000 *																			16.0
18.0	71.0	70.5	16 000 *																			18.0
20.0	68.5	69.7	15 000 *																			20.0
22.0	66.0	68.9	14 100 *	68.4	69.5	15 000 *																22.0
24.0	63.4	68.0	13 100 *	65.9	68.7	14 000 *																24.0
26.0	60.7	66.9	12 300 *	63.3	67.7	13 100 *	64.8	68.1	13 600 *													26.0
28.0	58.0	65.7	11 500 *	60.6	66.7	12 300 *	62.1	67.1	12 700 *													28.0
30.0	55.2	64.4	10 700 *	57.9	65.5	11 500 *	59.4	66.0	11 900 *													30.0
32.0	52.3	62.9	10 000 *	55.1	64.2	10 700 *	56.7	64.7	11 200 *	59.3	65.5	11 800 *										32.0
34.0	49.2	61.3	9 300 *	52.1	62.7	10 000 *	53.8	63.4	10 400 *	56.5	64.2	11 000 *										34.0
36.0	46.0	59.5	8 700 *	49.1	61.0	9 300 *	50.8	61.8	9 700 *	53.6	62.8	10 300 *	56.3	63.5	10 900 *							36.0
38.0	42.7	57.4	8 100 *	45.9	59.2	8 700 *	47.7	60.1	9 100 *	50.7	61.3	9 600 *	53.4	62.1	10 200 *							38.0
40.0	39.1	55.1	7 600 *	42.5	57.2	8 100 *	44.5	58.2	8 500 *	47.5	59.5	9 000 *	50.4	60.5	9 500 *							40.0
42.0	35.2	52.5	7 100 *	38.9	54.8	7 600 *	41.0	56.0	7 900 *	44.3	57.6	8 400 *	47.3	58.8	8 900 *	50.0	59.6	8 400 *				42.0
44.0	30.9	49.4	6 600 *	35.0	52.2	7 100 *	37.3	53.5	7 400 *	40.8	55.4	7 900 *	44.0	56.8	8 300 *	46.9	57.8	7 800 *				44.0
46.0	25.9	45.7	6 200 *	30.7	49.1	6 600 *	33.2	50.7	6 900 *	37.1	52.9	7 400 *	40.5	54.6	7 700 *	43.6	55.8	7 300 *	46.4	56.6	6 900 *	46.0
48.0	19.9	41.0	5 800 *	25.7	45.3	6 200 *	28.7	47.4	6 500 *	33.0	50.1	6 800 *	36.7	52.1	7 300 *	40.1	53.6	6 900 *	43.1	54.6	6 500 *	48.0
50.0	11.1	33.8	5 200 *	19.6	40.6	5 800 *	23.3	43.3	6 000 *	28.3	46.7	6 400 *	32.6	49.2	6 800 *	36.3	51.0	6 500 *	39.5	52.3	6 100 *	50.0
52.0							16.4	37.7	5 700 *	22.9	42.5	6 000 *	27.9	45.8	6 400 *	32.1	48.1	6 000 *	35.7	49.7	5 700 *	52.0
54.0										15.8	36.8	5 700 *	22.4	41.5	6 000 *	27.3	44.6	5 700 *	31.4	46.7	5 400 *	54.0
56.0													15.1	35.6	5 600 *	21.7	40.2	5 400 *	26.5	43.1	5 000 *	56.0
58.0																14.0	34.0	5 000 *	20.7	38.5	4 700 *	58.0
60.0																			12.4	31.8	4 400 *	60.0

Liftcrane Luffing Jib Capacities

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

777 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
15.2	75.4	74.5	16 100 *																			15.2
16.0	74.5	74.3	15 700 *																			16.0
18.0	72.2	73.7	14 700 *																			18.0
20.0	69.8	73.0	13 800 *																			20.0
22.0	67.5	72.2	12 900 *	69.8	72.8	13 800 *																22.0
24.0	65.1	71.3	12 000 *	67.4	72.0	12 900 *																24.0
26.0	62.6	70.4	11 200 *	65.0	71.1	12 000 *	66.3	71.5	12 400 *													26.0
28.0	60.1	69.3	10 400 *	62.5	70.1	11 200 *	63.9	70.5	11 600 *													28.0
30.0	57.5	68.1	9 700 *	60.0	69.0	10 400 *	61.4	69.5	10 900 *													30.0
32.0	54.8	66.7	9 000 *	57.4	67.8	9 700 *	58.9	68.3	10 100 *	61.3	69.0	10 700 *										32.0
34.0	52.1	65.2	8 400 *	54.7	66.5	9 000 *	56.2	67.1	9 400 *	58.7	67.8	10 000 *										34.0
36.0	49.2	63.6	7 800 *	52.0	65.0	8 400 *	53.5	65.7	8 800 *	56.1	66.5	9 300 *										36.0
38.0	46.2	61.8	7 200 *	49.1	63.3	7 800 *	50.7	64.1	8 100 *	53.4	65.1	8 700 *	55.8	65.8	9 200 *							38.0
40.0	43.1	59.7	6 700 *	46.1	61.5	7 200 *	47.8	62.4	7 500 *	50.6	63.6	8 100 *	53.1	64.4	8 600 *							40.0
42.0	39.7	57.5	6 200 *	42.9	59.5	6 700 *	44.8	60.5	7 000 *	47.6	61.8	7 500 *	50.3	62.8	8 000 *							42.0
44.0	36.1	54.9	5 700 *	39.6	57.2	6 200 *	41.5	58.3	6 500 *	44.6	59.9	6 900 *	47.4	61.1	7 400 *	50.0	61.9	7 700				44.0
46.0	32.2	52.0	5 300 *	36.0	54.6	5 700 *	38.1	55.9	6 000 *	41.3	57.8	6 500 *	44.3	59.1	6 900 *	47.0	60.1	7 200				46.0
48.0	27.8	48.5	4 900 *	32.0	51.7	5 300 *	34.3	53.2	5 500 *	37.8	55.3	6 000 *	41.0	57.0	6 400 *	43.9	58.1	6 800	46.6	58.9	6 400	48.0
50.0	22.6	44.2	4 400 *	27.6	48.2	4 800 *	30.2	50.0	5 100 *	34.1	52.6	5 500 *	37.5	54.5	5 900 *	40.6	55.9	6 300	43.4	56.9	6 000	50.0
52.0	15.8	38.5	3 900 *	22.3	43.9	4 400 *	25.4	46.2	4 600 *	29.9	49.4	5 100 *	33.7	51.7	5 500 *	37.1	53.4	5 900 *	40.1	54.7	5 600	52.0
54.0				15.5	38.0	3 900 *	19.7	41.4	4 100 *	25.1	45.5	4 600 *	29.5	48.5	5 000 *	33.3	50.6	5 400 *	36.5	52.1	5 200	54.0
56.0							11.4	34.2	3 700 *	19.2	40.6	4 100 *	24.7	44.6	4 500 *	29.0	47.3	5 000 *	32.7	49.2	4 900	56.0
58.0													18.7	39.5	4 100 *	24.0	43.3	4 500 *	28.3	45.8	4 600	58.0
60.0																17.8	38.1	4 000 *	23.2	41.7	4 400	60.0
62.0																7.9	29.3	3 600 *	16.7	36.2	4 000 *	62.0
64.0																			4.9	25.7	3 600 *	64.0



Liftcrane Luffing Jib Capacities

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

777 SERIES 2

24.4m (80 Ft.) Boom, 21.3m (70 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
9.1	71.2	47.6	47 300 *b																			9.1
10.0	68.7	47.3	46 100 *b																			10.0
12.0	62.8	46.4	43 100 *b																			12.0
14.0	56.6	45.2	38 100 *	63.4	46.3	41 200 *b	67.2	46.7	42 200 b													14.0
16.0	49.9	43.7	31 600 *	57.2	45.1	35 200 *	61.2	45.7	35 500 b													16.0
18.0	42.4	41.8	27 000 *	50.5	43.7	30 700 *	54.9	44.5	30 600													18.0
20.0	33.7	39.3	23 400 *	43.2	41.8	27 200 *	48.0	42.9	26 800	55.3	44.0	25 700										20.0
22.0	22.3	35.5	20 100 *	34.6	39.3	23 900 *	40.3	40.8	23 800	48.5	42.5	22 900	55.6	43.4	21 900							22.0
24.0				23.5	35.7	20 800 *	31.1	38.0	21 400	40.9	40.5	20 500	48.8	41.9	19 600							24.0
26.0										31.8	37.7	18 600	41.2	39.9	17 800	48.9	41.0	17 000				26.0
28.0										19.3	33.6	16 900	32.2	37.2	16 200	41.3	39.0	15 500				28.0
30.0													20.0	33.1	14 800	32.3	36.3	14 200	41.0	37.9	13 600	30.0
32.0																20.1	32.3	13 100	32.0	35.2	12 500	32.0
34.0																			19.6	31.1	11 500	34.0

Liftcrane Luffing Jib Capacities

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

777 SERIES 2

24.4m (80 Ft.) Boom, 24.4m (80 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
9.1	73.6	50.8	43 200 *b																			9.1
10.0	71.5	50.5	42 200 *b																			10.0
12.0	66.4	49.8	40 000 *																			12.0
14.0	61.2	48.8	37 700 *	66.9	49.6	40 100 *b																14.0
16.0	55.7	47.5	31 800 *	61.7	48.7	35 100 *	65.1	49.1	35 500 b													16.0
18.0	49.8	46.0	27 100 *	56.2	47.5	30 500 *	59.8	48.1	30 400													18.0
20.0	43.3	44.1	23 500 *	50.3	46.0	27 000 *	54.2	46.8	26 700	60.2	47.6	25 600										20.0
22.0	35.9	41.7	20 600 *	43.9	44.1	23 900 *	48.2	45.2	23 700	54.6	46.4	22 700										22.0
24.0	26.9	38.4	18 200 *	36.7	41.8	20 900 *	41.5	43.2	21 300	48.6	44.8	20 400	54.8	45.7	19 500							24.0
26.0				27.8	38.6	18 500 *	33.8	40.6	19 200	42.0	42.8	18 400	48.8	44.2	17 600							26.0
28.0							24.1	36.9	17 500	34.4	40.3	16 800	42.3	42.2	16 000	48.9	43.3	15 300				28.0
30.0										24.8	36.7	15 300	34.7	39.7	14 700	42.3	41.4	14 000				30.0
32.0										8.3	30.0	14 100	25.3	36.2	13 500	34.8	38.8	12 900	42.1	40.2	12 300	32.0
34.0																25.4	35.4	11 900	34.5	37.7	11 400	34.0
36.0																			25.0	34.2	10 500	36.0
38.0																			8.7	27.6	9 700	38.0



Liftcrane Luffing Jib Capacities

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

777 SERIES 2

24.4m (80 Ft.) Boom, 27.4m (90 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
9.1	75.5	54.0	38 800 *b																			9.1
10.0	73.6	53.7	37 900 *b																			10.0
12.0	69.2	53.0	35 600 *																			12.0
14.0	64.6	52.2	33 500 *	69.6	52.9	36 000 *b																14.0
16.0	59.9	51.1	31 300 *	65.1	52.1	33 900 *																16.0
18.0	55.0	49.9	27 400 *	60.4	51.1	30 700 *	63.4	51.5	30 400													18.0
20.0	49.7	48.3	23 700 *	55.4	49.8	26 900 *	58.7	50.4	26 600													20.0
22.0	44.0	46.4	20 800 *	50.2	48.3	24 000 *	53.6	49.1	23 600	59.0	50.0	22 600										22.0
24.0	37.6	44.1	18 400 *	44.5	46.4	21 100 *	48.3	47.5	21 200	54.0	48.7	20 300										24.0
26.0	30.0	41.1	16 500 *	38.2	44.2	18 700 *	42.4	45.5	19 100	48.6	47.1	18 300	54.2	48.1	17 500							26.0
28.0	20.2	36.9	14 600 *	30.8	41.3	16 700 *	35.7	43.0	17 500	42.8	45.1	16 700	48.9	46.5	15 900							28.0
30.0				21.3	37.2	15 000 *	27.8	39.8	16 000	36.2	42.7	15 300	43.0	44.5	14 600	48.9	45.6	13 900				30.0
32.0							16.8	34.9	14 400	28.4	39.5	14 100	36.5	42.1	13 400	43.1	43.7	12 800				32.0
34.0										17.7	34.8	13 000	28.8	39.0	12 400	36.6	41.3	11 800	42.9	42.6	11 300	34.0
36.0													18.3	34.4	11 500	28.8	38.2	11 000	36.3	40.2	10 400	36.0
38.0																18.4	33.6	10 200	28.5	37.0	9 700	38.0
40.0																			17.9	32.3	9 000	40.0

Liftcrane Luffing Jib Capacities

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

777 SERIES 2

24.4m (80 Ft.) Boom, 30.5m (100 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
10.7	74.0	56.7	34 300 *b																			10.7
12.0	71.4	56.3	33 200 *																			12.0
14.0	67.3	55.5	31 100 *																			14.0
16.0	63.2	54.6	29 300 *	67.7	55.4	31 500 *																16.0
18.0	58.9	53.5	27 100 *	63.6	54.5	29 700 *																18.0
20.0	54.4	52.2	23 600 *	59.3	53.4	26 700 *	62.1	53.9	26 400													20.0
22.0	49.6	50.6	20 800 *	54.8	52.1	23 800 *	57.7	52.8	23 500													22.0
24.0	44.5	48.8	18 400 *	50.1	50.6	21 100 *	53.2	51.4	21 000	58.0	52.4	20 100										24.0
26.0	38.8	46.5	16 500 *	45.0	48.7	18 700 *	48.3	49.8	19 000	53.5	51.0	18 100										26.0
28.0	32.4	43.7	14 800 *	39.4	46.5	16 700 *	43.1	47.8	17 300	48.7	49.4	16 500	53.7	50.4	15 800							28.0
30.0	24.5	40.0	13 400 *	33.0	43.8	15 000 *	37.2	45.4	15 900	43.4	47.5	15 100	48.9	48.8	14 400							30.0
32.0	12.6	34.1	11 400 *	25.3	40.2	13 600 *	30.5	42.5	14 500	37.7	45.1	13 900	43.7	46.9	13 300	48.9	47.9	12 600				32.0
34.0							22.0	38.4	13 100 *	31.0	42.2	12 900	37.9	44.5	12 200	43.7	46.0	11 700				34.0
36.0										22.6	38.2	11 900	31.3	41.6	11 400	38.0	43.7	10 800	43.5	44.9	10 200	36.0
38.0										8.7	31.1	11 100	23.0	37.7	10 600	31.3	40.8	10 100	37.7	42.6	9 500	38.0
40.0																23.1	36.9	9 300	31.1	39.6	8 900	40.0
42.0																			22.8	35.7	8 300	42.0
44.0																			9.0	28.7	7 700	44.0



Liftcrane Luffing Jib Capacities

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

777 SERIES 2

24.4m (80 Ft.) Boom, 33.5m (110 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
10.7	75.5	59.9	31 800 *b																			10.7
12.0	73.1	59.5	30 700 *																			12.0
14.0	69.5	58.8	29 000 *																			14.0
16.0	65.8	58.0	27 400 *																			16.0
18.0	62.0	57.0	25 900 *	66.1	57.9	27 700 *																18.0
20.0	58.0	55.9	23 700 *	62.3	56.9	26 200 *	64.8	57.3	26 500													20.0
22.0	53.9	54.5	20 800 *	58.4	55.8	23 900 *	61.0	56.3	23 400													22.0
24.0	49.6	52.9	18 500 *	54.3	54.4	21 200 *	57.0	55.1	21 000													24.0
26.0	44.9	51.1	16 600 *	50.0	52.9	18 800 *	52.8	53.7	19 000	57.3	54.7	18 100										26.0
28.0	39.8	48.9	14 900 *	45.3	51.1	16 800 *	48.4	52.1	17 300	53.1	53.3	16 500										28.0
30.0	34.2	46.2	13 500 *	40.3	48.9	15 100 *	43.6	50.1	15 800	48.7	51.7	15 100	53.3	52.7	14 400							30.0
32.0	27.5	42.9	12 300 *	34.7	46.3	13 700 *	38.4	47.8	14 600	44.0	49.8	13 900	48.9	51.1	13 200							32.0
34.0	18.8	38.2	11 000 *	28.1	43.0	12 500 *	32.5	45.0	13 300 *	38.8	47.5	12 900	44.2	49.2	12 200	48.9	50.2	11 600				34.0
36.0				19.7	38.5	11 300 *	25.5	41.4	12 100 *	33.0	44.7	11 900	39.0	46.9	11 300	44.2	48.3	10 800				36.0
38.0							15.8	36.1	11 000 *	26.0	41.2	11 100	33.2	44.2	10 600	39.1	46.1	10 000	44.0	47.2	9 500	38.0
40.0										16.6	36.1	10 300	26.3	40.7	9 800	33.3	43.3	9 400	38.9	45.0	8 900	40.0
42.0													17.1	35.7	9 200	26.4	39.8	8 700	33.0	42.2	8 300	42.0
44.0																17.2	34.8	8 200	26.1	38.7	7 700	44.0
46.0																			16.8	33.6	7 200	46.0

Liftcrane Luffing Jib Capacities

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

777 SERIES 2

24.4m (80 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
12.2	74.2	62.6	28 300 *																			12.2
14.0	71.3	62.0	26 900 *																			14.0
16.0	67.9	61.3	25 300 *																			16.0
18.0	64.5	60.4	23 900 *	68.2	61.2	25 600 *																18.0
20.0	61.0	59.4	22 500 *	64.8	60.3	24 200 *	67.0	60.7	25 000 *													20.0
22.0	57.3	58.2	20 900 *	61.3	59.3	22 900 *	63.6	59.8	23 400													22.0
24.0	53.5	56.8	18 400 *	57.7	58.1	21 100 *	60.0	58.7	20 900													24.0
26.0	49.5	55.2	16 500 *	53.9	56.7	18 700 *	56.4	57.4	18 900	60.3	58.3	18 000										26.0
28.0	45.3	53.4	14 800 *	49.9	55.2	16 700 *	52.5	56.0	17 100	56.6	57.0	16 300										28.0
30.0	40.7	51.2	13 400 *	45.7	53.4	15 000 *	48.4	54.4	15 700	52.8	55.6	14 900										30.0
32.0	35.6	48.7	12 200 *	41.1	51.2	13 700 *	44.1	52.5	14 500	48.7	54.0	13 800	52.9	55.0	13 100							32.0
34.0	29.8	45.6	11 200 *	36.1	48.7	12 400 *	39.4	50.2	13 200 *	44.4	52.1	12 700	48.9	53.4	12 100							34.0
36.0	22.7	41.5	10 200 *	30.4	45.7	11 300 *	34.2	47.5	12 000 *	39.7	49.9	11 800	44.6	51.5	11 200	48.9	52.5	10 600				36.0
38.0	12.2	35.2	8 800 *	23.4	41.7	10 300 *	28.1	44.2	11 000 *	34.5	47.2	11 000	39.9	49.3	10 400	44.6	50.6	9 900				38.0
40.0							20.5	39.8	10 000 *	28.5	44.0	10 200	34.8	46.7	9 700	40.0	48.4	9 200	44.5	49.5	8 700	40.0
42.0										21.1	39.6	9 600	28.8	43.4	9 100	34.8	45.8	8 600	39.8	47.3	8 100	42.0
44.0										8.9	32.2	8 900	21.4	39.2	8 500	28.9	42.6	8 000	34.6	44.7	7 600	44.0
46.0																21.5	38.3	7 500	28.6	41.4	7 100	46.0
48.0																			21.2	37.1	6 600	48.0
50.0																			9.2	29.8	6 200	50.0



Liftcrane Luffing Jib Capacities

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

777 SERIES 2

24.4m (80 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
12.2	75.5	65.8	23 100 *																			12.2
14.0	72.8	65.2	22 500 *																			14.0
16.0	69.7	64.6	21 700 *																			16.0
18.0	66.6	63.8	20 500 *																			18.0
20.0	63.4	62.8	19 300 *	66.9	63.6	20 600 *																20.0
22.0	60.1	61.8	18 200 *	63.7	62.7	19 500 *	65.8	63.1	20 100 *													22.0
24.0	56.7	60.5	17 200 *	60.4	61.7	18 400 *	62.6	62.2	19 100 *													24.0
26.0	53.2	59.1	16 300 *	57.0	60.4	17 500 *	59.2	61.0	18 100 *	62.8	61.7	17 900										26.0
28.0	49.5	57.5	15 000 *	53.5	59.1	16 500 *	55.8	59.8	17 000	59.5	60.6	16 200										28.0
30.0	45.6	55.7	13 500 *	49.8	57.5	15 200 *	52.2	58.3	15 600	56.0	59.4	14 900										30.0
32.0	41.3	53.6	12 300 *	45.9	55.7	13 700 *	48.5	56.7	14 400	52.5	57.9	13 700	56.2	58.7	13 000							32.0
34.0	36.8	51.1	11 200 *	41.7	53.6	12 400 *	44.5	54.8	13 200	48.7	56.3	12 600	52.6	57.3	12 000							34.0
36.0	31.6	48.2	10 200 *	37.2	51.2	11 300 *	40.2	52.6	12 100 *	44.8	54.4	11 700	48.9	55.7	11 100							36.0
38.0	25.6	44.5	9 400 *	32.1	48.3	10 400 *	35.5	50.0	11 000 *	40.5	52.2	10 900	44.9	53.8	10 300	48.9	54.8	9 700				38.0
40.0	17.7	39.5	8 500 *	26.2	44.7	9 500 *	30.1	46.9	10 100 *	35.8	49.7	10 100	40.7	51.6	9 600	45.0	52.9	9 100				40.0
42.0				18.6	39.8	8 700 *	23.8	43.0	9 200 *	30.5	46.6	9 500	36.0	49.1	8 900	40.7	50.8	8 500	44.8	51.8	8 000	42.0
44.0							15.1	37.3	8 500 *	24.2	42.8	8 900	30.8	46.1	8 400	36.1	48.3	7 900	40.6	49.7	7 500	44.0
46.0										15.8	37.3	8 300	24.5	42.3	7 900	30.8	45.2	7 400	35.9	47.1	7 000	46.0
48.0													16.2	36.9	7 400	24.6	41.4	7 000	30.6	44.1	6 500	48.0
50.0																16.3	36.1	6 500	24.3	40.2	6 100	50.0
52.0																			15.9	34.8	5 800	52.0

Liftcrane Luffing Jib Capacities

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

777 SERIES 2

24.4m (80 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
13.7	74.4	68.5	21 100 *																			13.7
14.0	74.0	68.4	21 000 *																			14.0
16.0	71.2	67.8	20 000 *																			16.0
18.0	68.3	67.1	18 800 *																			18.0
20.0	65.4	66.2	17 800 *	68.6	66.9	19 000 *																20.0
22.0	62.4	65.2	16 800 *	65.7	66.1	17 900 *																22.0
24.0	59.4	64.1	15 800 *	62.7	65.1	16 900 *	64.7	65.6	17 500 *													24.0
26.0	56.2	62.9	14 900 *	59.6	64.0	16 000 *	61.6	64.5	16 500 *													26.0
28.0	52.9	61.4	14 000 *	56.5	62.8	15 000 *	58.5	63.4	15 600 *	61.9	64.1	16 100										28.0
30.0	49.4	59.8	13 200 *	53.2	61.4	14 200 *	55.3	62.1	14 700 *	58.8	63.0	14 700										30.0
32.0	45.8	58.0	12 200 *	49.8	59.8	13 400 *	52.0	60.6	13 900 *	55.6	61.7	13 500										32.0
34.0	41.9	55.9	11 100 *	46.1	58.0	12 300 *	48.5	59.0	13 100 *	52.2	60.2	12 500	55.7	61.1	11 800							34.0
36.0	37.7	53.5	10 200 *	42.3	55.9	11 300 *	44.8	57.1	12 000 *	48.8	58.6	11 500	52.4	59.6	10 900							36.0
38.0	33.1	50.7	9 300 *	38.1	53.6	10 300 *	40.9	54.9	10 900 *	45.1	56.7	10 700	48.9	58.0	10 100							38.0
40.0	27.8	47.3	8 500 *	33.6	50.8	9 400 *	36.6	52.4	10 000 *	41.2	54.6	10 000	45.2	56.1	9 400	48.9	57.1	8 900				40.0
42.0	21.3	42.9	7 800 *	28.3	47.5	8 600 *	31.8	49.5	9 200 *	36.9	52.1	9 300	41.3	54.0	8 800	45.3	55.3	8 300				42.0
44.0	12.0	36.2	6 800 *	22.0	43.2	7 900 *	26.3	45.9	8 400 *	32.1	49.2	8 700	37.1	51.5	8 300	41.3	53.1	7 800	45.1	54.2	7 300	44.0
46.0							19.3	41.1	7 700 *	26.7	45.6	8 200	32.4	48.6	7 700	37.1	50.7	7 300	41.2	52.0	6 800	46.0
48.0										19.9	41.0	7 700	26.9	45.1	7 300	32.4	47.8	6 800	36.9	49.6	6 400	48.0
50.0										9.1	33.3	7 100	20.2	40.5	6 800	27.0	44.3	6 400	32.2	46.7	6 000	50.0
52.0																20.2	39.7	6 000	26.8	43.1	5 600	52.0
54.0																			20.0	38.5	5 300	54.0
56.0																			9.4	30.9	4 900	56.0



Liftcrane Luffing Jib Capacities

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

777 SERIES 2

24.4m (80 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
13.7	75.5	71.7	19 700 *																			13.7
14.0	75.1	71.6	19 600 *																			14.0
16.0	72.5	71.0	18 500 *																			16.0
18.0	69.9	70.3	17 400 *																			18.0
20.0	67.2	69.5	16 400 *	70.1	70.2	17 500 *																20.0
22.0	64.4	68.6	15 500 *	67.4	69.4	16 500 *																22.0
24.0	61.6	67.6	14 500 *	64.7	68.5	15 600 *	66.5	68.9	16 100 *													24.0
26.0	58.7	66.5	13 700 *	61.9	67.5	14 600 *	63.7	68.0	15 200 *													26.0
28.0	55.7	65.2	12 800 *	59.0	66.4	13 800 *	60.9	66.9	14 300 *													28.0
30.0	52.6	63.7	12 000 *	56.0	65.1	12 900 *	57.9	65.7	13 500 *	61.0	66.5	14 200 *										30.0
32.0	49.4	62.1	11 300 *	52.9	63.7	12 200 *	54.9	64.4	12 700 *	58.1	65.3	13 500										32.0
34.0	46.0	60.3	10 600 *	49.7	62.1	11 400 *	51.8	62.9	11 900 *	55.1	64.0	12 400										34.0
36.0	42.4	58.3	10 000 *	46.3	60.3	10 700 *	48.6	61.3	11 200 *	52.0	62.5	11 500	55.3	63.4	10 900							36.0
38.0	38.6	55.9	9 300 *	42.8	58.3	10 100 *	45.1	59.4	10 600 *	48.8	60.9	10 700	52.2	61.9	10 100							38.0
40.0	34.4	53.2	8 600 *	38.9	55.9	9 400 *	41.5	57.3	9 900 *	45.3	59.0	9 900	48.9	60.3	9 400	52.2	61.1	8 900				40.0
42.0	29.6	50.0	7 900 *	34.8	53.3	8 700 *	37.5	54.8	9 200 *	41.7	56.9	9 300	45.5	58.4	8 800	48.9	59.4	8 300				42.0
44.0	24.1	46.0	7 300 *	30.1	50.1	8 000 *	33.2	52.0	8 500 *	37.8	54.5	8 700	41.9	56.3	8 200	45.5	57.6	7 700				44.0
46.0	16.9	40.7	6 600 *	24.6	46.3	7 300 *	28.3	48.7	7 800 *	33.5	51.7	8 100	38.0	53.9	7 700	41.9	55.5	7 200	45.4	56.5	6 800	46.0
48.0				17.7	41.1	6 800 *	22.4	44.4	7 200 *	28.6	48.4	7 700	33.7	51.2	7 200	38.0	53.1	6 800	41.8	54.4	6 300	48.0
50.0							14.5	38.4	6 600 *	22.9	44.3	7 200	28.8	47.9	6 800	33.7	50.3	6 400	37.8	52.0	6 000	50.0
52.0										15.2	38.4	6 700 *	23.1	43.8	6 400	28.9	47.0	6 000	33.5	49.2	5 600	52.0
54.0													15.5	38.1	6 000	23.2	42.9	5 600	28.7	45.9	5 200	54.0
56.0																15.6	37.2	5 300	22.9	41.7	5 000	56.0
58.0																			15.3	36.0	4 700	58.0

Liftcrane Luffing Jib Capacities

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

777 SERIES 2

24.4m (80 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
15.2	74.6	74.4	17 400 *																			15.2
16.0	73.6	74.2	17 000 *																			16.0
18.0	71.2	73.6	16 000 *																			18.0
20.0	68.7	72.8	15 000 *																			20.0
22.0	66.1	72.0	14 100 *	68.9	72.7	15 100 *																22.0
24.0	63.5	71.1	13 200 *	66.4	71.9	14 200 *																24.0
26.0	60.9	70.0	12 300 *	63.8	70.9	13 300 *	65.4	71.4	13 800 *													26.0
28.0	58.1	68.8	11 500 *	61.1	69.9	12 500 *	62.8	70.4	13 000 *													28.0
30.0	55.3	67.5	10 800 *	58.4	68.7	11 700 *	60.2	69.3	12 200 *													30.0
32.0	52.4	66.1	10 100 *	55.6	67.4	10 900 *	57.4	68.1	11 400 *	60.3	68.9	12 100 *										32.0
34.0	49.4	64.4	9 400 *	52.7	66.0	10 200 *	54.6	66.7	10 600 *	57.6	67.7	11 300 *										34.0
36.0	46.2	62.6	8 800 *	49.7	64.4	9 500 *	51.6	65.2	9 900 *	54.8	66.3	10 600 *										36.0
38.0	42.9	60.6	8 200 *	46.5	62.6	8 900 *	48.6	63.6	9 300 *	51.8	64.8	10 000 *	54.9	65.7	9 900							38.0
40.0	39.3	58.3	7 700 *	43.2	60.6	8 300 *	45.4	61.7	8 600 *	48.8	63.2	9 300 *	52.0	64.2	9 300							40.0
42.0	35.4	55.7	7 100 *	39.6	58.3	7 700 *	42.0	59.6	8 100 *	45.6	61.3	8 700 *	48.9	62.6	8 600							42.0
44.0	31.1	52.6	6 700 *	35.8	55.7	7 200 *	38.3	57.2	7 500 *	42.2	59.2	8 100 *	45.7	60.7	8 000	48.9	61.7	7 600				44.0
46.0	26.2	49.0	6 200 *	31.5	52.7	6 700 *	34.3	54.5	7 100 *	38.6	56.9	7 600 *	42.3	58.7	7 500	45.7	59.9	7 100				46.0
48.0	20.3	44.3	5 900 *	26.7	49.1	6 300 *	29.9	51.3	6 600 *	34.6	54.2	7 100 *	38.7	56.3	7 100	42.4	57.8	6 600	45.6	58.8	6 200	48.0
50.0	11.8	37.3	5 300 *	20.9	44.6	5 900 *	24.8	47.5	6 200 *	30.2	51.1	6 600 *	34.8	53.6	6 600	38.7	55.5	6 200	42.2	56.7	5 800	50.0
52.0							18.4	42.4	5 800 *	25.2	47.2	6 200 *	30.4	50.5	6 200	34.8	52.8	5 800	38.6	54.3	5 400	52.0
54.0										18.9	42.3	5 800 *	25.4	46.7	5 900	30.5	49.7	5 500	34.7	51.7	5 100	54.0
56.0										9.3	34.4	5 500 *	19.2	41.9	5 500	25.5	45.9	5 100	30.3	48.5	4 800	56.0
58.0																19.3	41.0	4 800	25.3	44.7	4 500	58.0
60.0																			19.0	39.8	4 200	60.0
62.0																			9.5	31.9	3 900	62.0



Liftcrane Luffing Jib Capacities

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

777 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
15.2	75.5	77.6	16 000 *																			15.2
16.0	74.6	77.4	15 600 *																			16.0
18.0	72.3	76.8	14 700 *																			18.0
20.0	70.0	76.1	13 800 *																			20.0
22.0	67.6	75.3	12 900 *	70.2	76.0	13 900 *																22.0
24.0	65.2	74.4	12 100 *	67.8	75.2	13 000 *																24.0
26.0	62.7	73.5	11 300 *	65.4	74.3	12 200 *	67.0	74.7	12 600 *													26.0
28.0	60.2	72.4	10 500 *	63.0	73.4	11 400 *	64.6	73.8	11 800 *													28.0
30.0	57.6	71.2	9 800 *	60.4	72.3	10 600 *	62.1	72.8	11 100 *													30.0
32.0	55.0	69.8	9 100 *	57.9	71.1	9 900 *	59.5	71.7	10 300 *	62.2	72.3	11 000 *										32.0
34.0	52.2	68.4	8 400 *	55.2	69.8	9 200 *	56.9	70.4	9 600 *	59.7	71.2	10 300 *										34.0
36.0	49.4	66.7	7 800 *	52.5	68.3	8 500 *	54.3	69.1	8 900 *	57.1	70.0	9 600 *										36.0
38.0	46.4	64.9	7 300 *	49.6	66.7	7 900 *	51.5	67.5	8 300 *	54.4	68.6	9 000 *										38.0
40.0	43.2	62.9	6 800 *	46.7	64.9	7 300 *	48.6	65.9	7 700 *	51.7	67.1	8 300 *	54.6	68.0	8 900 *							40.0
42.0	39.9	60.6	6 300 *	43.5	62.9	6 800 *	45.6	64.0	7 200 *	48.8	65.5	7 700 *	51.8	66.5	8 300 *							42.0
44.0	36.3	58.1	5 800 *	40.2	60.7	6 300 *	42.4	61.9	6 600 *	45.8	63.6	7 200 *	48.9	64.9	7 700 *							44.0
46.0	32.4	55.2	5 400 *	36.7	58.1	5 900 *	39.0	59.6	6 100 *	42.6	61.6	6 700 *	45.9	63.0	7 200 *	48.9	64.0	7 000				46.0
48.0	28.0	51.7	4 900 *	32.8	55.3	5 400 *	35.3	57.0	5 700 *	39.2	59.3	6 200 *	42.8	61.0	6 700 *	45.9	62.2	6 500				48.0
50.0	22.9	47.5	4 400 *	28.4	51.9	4 900 *	31.3	53.9	5 300 *	35.6	56.7	5 700 *	39.4	58.7	6 200 *	42.8	60.1	6 100	45.8	61.1	5 700	50.0
52.0	16.3	41.9	3 900 *	23.4	47.8	4 400 *	26.8	50.3	4 800 *	31.6	53.6	5 300 *	35.8	56.1	5 800 *	39.4	57.8	5 700	42.7	59.0	5 300	52.0
54.0				17.0	42.3	4 000 *	21.3	45.8	4 300 *	27.1	50.1	4 800 *	31.8	53.1	5 300 *	35.8	55.2	5 400	39.3	56.7	5 000	54.0
56.0							14.1	39.6	3 800 *	21.7	45.7	4 300 *	27.3	49.6	4 800 *	31.8	52.3	5 000	35.7	54.1	4 700	56.0
58.0										14.7	39.6	3 900 *	22.0	45.2	4 300 *	27.3	48.7	4 700	31.7	51.1	4 400	58.0
60.0													15.0	39.2	3 900 *	22.0	44.4	4 300 *	27.2	47.6	4 100	60.0
62.0																15.1	38.4	3 900 *	21.8	43.2	3 900	62.0
64.0																			14.8	37.1	3 600	64.0

Liftcrane Luffing Jib Capacities

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

777 SERIES 2

27.4m (90 Ft.) Boom, 21.3m (70 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
9.1	71.5	50.7	47 000 *b																			9.1
10.0	69.0	50.4	45 900 *b																			10.0
12.0	63.1	49.5	43 000 *b																			12.0
14.0	56.9	48.3	38 500 *	64.5	49.5	41 700 *b																14.0
16.0	50.3	46.9	31 900 *	58.4	48.4	35 600 *	62.9	49.0	35 300 b													16.0
18.0	42.9	45.0	27 200 *	51.8	47.0	31 100 *	56.6	47.8	30 300													18.0
20.0	34.2	42.5	23 500 *	44.6	45.2	27 300	49.9	46.3	26 600	57.9	47.5	25 400										20.0
22.0	23.0	38.8	20 300 *	36.3	42.9	24 200	42.5	44.4	23 600	51.3	46.1	22 500										22.0
24.0				25.9	39.6	21 300 *	33.8	41.9	21 200	44.0	44.3	20 200	52.4	45.6	19 300							24.0
26.0							22.3	38.1	19 100	35.6	41.9	18 300	45.3	43.8	17 400							26.0
28.0										25.0	38.4	16 700	37.1	41.6	15 900	46.3	43.1	15 100				28.0
30.0													27.0	38.4	14 500	38.3	40.9	13 800				30.0
32.0													10.1	32.4	13 300	28.5	37.9	12 700	39.0	40.0	12 100	32.0
34.0																			29.4	37.0	11 100	34.0
36.0																			15.3	32.2	10 300	36.0



Liftcrane Luffing Jib Capacities

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

777 SERIES 2

27.4m (90 Ft.) Boom, 24.4m (80 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
9.1	73.8	53.9	42 900 *b																			9.1
10.0	71.7	53.6	41 900 *b																			10.0
12.0	66.7	52.8	39 800 *																			12.0
14.0	61.5	51.9	37 600 *	67.9	52.8	40 300 *b																14.0
16.0	56.0	50.7	32 100 *	62.7	51.9	35 600 *																16.0
18.0	50.1	49.2	27 300 *	57.2	50.7	30 800 *	61.2	51.4	30 200													18.0
20.0	43.7	47.3	23 600 *	51.5	49.3	27 200	55.7	50.1	26 400	62.3	51.0	25 200										20.0
22.0	36.3	44.9	20 800 *	45.2	47.5	24 100	49.8	48.6	23 500	56.8	49.8	22 300										22.0
24.0	27.4	41.7	18 300 *	38.1	45.3	21 500	43.3	46.7	21 000	51.0	48.4	20 000										24.0
26.0				29.6	42.3	18 900 *	36.0	44.3	19 100	44.7	46.6	18 100	52.0	47.9	17 200							26.0
28.0				18.0	37.8	16 500 *	27.0	41.0	17 400	37.5	44.3	16 500	45.8	46.1	15 700							28.0
30.0							13.2	35.6	15 600	28.9	41.2	15 100	38.8	43.9	14 300	46.6	45.4	13 600				30.0
32.0										16.8	36.5	13 900	30.5	41.1	13 200	39.8	43.3	12 500	47.2	44.4	11 800	32.0
34.0													19.4	36.8	12 200	31.7	40.5	11 600	40.4	42.3	11 000	34.0
36.0																21.1	36.5	10 700	32.4	39.6	10 100	36.0
38.0																			22.2	35.8	9 400	38.0

Liftcrane Luffing Jib Capacities

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

777 SERIES 2

27.4m (90 Ft.) Boom, 27.4m (90 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
9.1	75.7	57.0	38 400 *b																			9.1
10.0	73.8	56.8	37 600 *b																			10.0
12.0	69.4	56.1	35 500 *																			12.0
14.0	64.9	55.3	33 400 *																			14.0
16.0	60.2	54.3	31 300 *	65.9	55.3	34 200 *																16.0
18.0	55.2	53.0	27 600 *	61.3	54.3	31 000 *	64.7	54.8	30 100													18.0
20.0	50.0	51.5	23 800 *	56.4	53.1	27 100	60.0	53.7	26 400													20.0
22.0	44.3	49.6	20 900 *	51.2	51.6	24 000	55.0	52.5	23 400	60.9	53.4	22 300										22.0
24.0	37.9	47.3	18 600 *	45.6	49.8	21 500	49.7	50.9	20 900	56.0	52.2	19 900										24.0
26.0	30.5	44.4	16 600 *	39.4	47.7	19 100 *	44.0	49.1	19 000	50.8	50.7	18 000	56.8	51.6	17 100							26.0
28.0	20.8	40.2	14 700 *	32.3	44.9	17 000 *	37.6	46.7	17 300	45.2	48.9	16 400	51.7	50.2	15 600							28.0
30.0				23.3	41.1	15 300 *	30.1	43.7	15 800	38.9	46.7	15 000	46.1	48.5	14 300							30.0
32.0				7.6	33.9	12 900 *	20.3	39.5	14 600	31.7	43.8	13 800	40.0	46.3	13 100	46.9	47.7	12 400				32.0
34.0										22.5	39.9	12 800	33.0	43.6	12 100	40.9	45.7	11 500				34.0
36.0													24.3	40.0	11 300	34.0	43.0	10 600	41.4	44.7	10 000	36.0
38.0													10.1	33.5	10 400	25.6	39.5	9 900	34.6	42.1	9 300	38.0
40.0																			26.4	38.7	8 700	40.0
42.0																			14.3	33.3	8 100	42.0



Liftcrane Luffing Jib Capacities

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

777 SERIES 2

27.4m (90 Ft.) Boom, 30.5m (100 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
10.7	74.2	59.8	34 100 *b																			10.7
12.0	71.6	59.4	33 000 *																			12.0
14.0	67.6	58.6	31 100 *																			14.0
16.0	63.4	57.7	29 300 *	68.5	58.6	31 800 *																16.0
18.0	59.1	56.6	27 200 *	64.4	57.7	30 000 *																18.0
20.0	54.6	55.3	23 800 *	60.1	56.7	27 000	63.2	57.2	26 200													20.0
22.0	49.9	53.8	20 900 *	55.7	55.4	23 900	58.9	56.1	23 200													22.0
24.0	44.8	51.9	18 500 *	51.0	53.9	21 500	54.4	54.8	20 800	59.8	55.8	19 800										24.0
26.0	39.1	49.7	16 600 *	46.0	52.1	19 100 *	49.6	53.2	18 800	55.3	54.5	17 900										26.0
28.0	32.7	46.9	14 900 *	40.5	50.0	17 000 *	44.5	51.4	17 100	50.6	53.0	16 300	56.1	54.0	15 400							28.0
30.0	24.9	43.3	13 400 *	34.3	47.4	15 300 *	38.9	49.1	15 700	45.6	51.2	14 900	51.4	52.5	14 100							30.0
32.0	13.5	37.6	11 600 *	26.9	44.0	13 800 *	32.4	46.3	14 500	40.0	49.0	13 700	46.4	50.8	13 000	52.0	51.7	12 200				32.0
34.0				16.7	39.0	12 300 *	24.5	42.6	13 300	33.8	46.4	12 600	41.0	48.7	12 000	47.1	50.0	11 300				34.0
36.0							12.7	36.7	11 900 *	26.2	42.9	11 700	34.9	46.1	11 100	41.7	48.0	10 500				36.0
38.0										15.7	37.7	10 900	27.6	42.8	10 300	35.7	45.5	9 700	42.2	47.0	9 100	38.0
40.0													17.9	38.0	9 600	28.7	42.3	9 000	36.3	44.6	8 500	40.0
42.0																19.4	37.8	8 500	29.3	41.5	7 900	42.0
44.0																			20.3	37.1	7 400	44.0

Liftcrane Luffing Jib Capacities

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

777 SERIES 2

27.4m (90 Ft.) Boom, 33.5m (110 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
10.7	75.7	62.9	31 500 *b																			10.7
12.0	73.3	62.6	30 500 *																			12.0
14.0	69.7	61.9	28 900 *																			14.0
16.0	66.0	61.1	27 400 *																			16.0
18.0	62.2	60.1	25 900 *	66.8	61.1	27 900 *																18.0
20.0	58.3	59.0	23 900 *	63.1	60.1	26 400	65.8	60.6	26 100													20.0
22.0	54.1	57.6	21 000 *	59.2	59.0	24 000	62.0	59.6	23 200													22.0
24.0	49.8	56.1	18 600 *	55.1	57.7	21 400	58.1	58.4	20 800													24.0
26.0	45.2	54.2	16 700 *	50.8	56.2	19 200 *	53.9	57.1	18 800	58.9	58.1	17 800										26.0
28.0	40.1	52.1	15 000 *	46.2	54.4	17 100 *	49.6	55.5	17 100	54.8	56.8	16 200										28.0
30.0	34.5	49.4	13 600 *	41.3	52.4	15 400 *	44.9	53.7	15 700	50.5	55.3	14 900	55.5	56.3	14 100							30.0
32.0	27.9	46.1	12 300 *	35.8	49.8	13 900 *	39.9	51.5	14 400	45.9	53.5	13 700	51.2	54.8	12 900							32.0
34.0	19.3	41.5	11 100 *	29.5	46.7	12 600 *	34.2	48.8	13 400	40.9	51.4	12 600	46.7	53.1	11 900	51.8	54.0	11 300				34.0
36.0				21.5	42.5	11 500 *	27.5	45.5	12 300	35.4	48.8	11 700	41.8	51.0	11 100	47.3	52.3	10 400				36.0
38.0				8.1	35.0	9 900 *	18.8	40.8	11 300 *	28.9	45.7	10 900	36.3	48.5	10 300	42.4	50.3	9 700				38.0
40.0										20.8	41.3	10 200	30.1	45.5	9 600	37.1	47.9	9 000	42.9	49.4	8 500	40.0
42.0													22.4	41.4	9 000	31.0	45.0	8 500	37.6	47.0	7 900	42.0
44.0													10.1	34.6	8 400	23.5	41.1	7 900	31.5	44.1	7 400	44.0
46.0																			24.2	40.3	6 900	46.0
48.0																			13.7	34.5	6 500	48.0



Liftcrane Luffing Jib Capacities

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

777 SERIES 2

27.4m (90 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
12.2	74.4	65.7	28 000 *																			12.2
14.0	71.4	65.1	26 700 *																			14.0
16.0	68.1	64.4	25 300 *																			16.0
18.0	64.7	63.5	23 900 *	68.9	64.3	25 700 *																18.0
20.0	61.2	62.5	22 600 *	65.5	63.5	24 300 *																20.0
22.0	57.5	61.3	21 000 *	62.0	62.5	23 100 *	64.5	63.0	23 100													22.0
24.0	53.7	59.9	18 500 *	58.4	61.4	21 400	61.0	62.0	20 600													24.0
26.0	49.7	58.4	16 600 *	54.6	60.0	19 100 *	57.3	60.8	18 600	61.7	61.6	17 700										26.0
28.0	45.5	56.5	14 900 *	50.6	58.5	17 000 *	53.5	59.4	17 000	58.1	60.5	16 100										28.0
30.0	40.9	54.4	13 500 *	46.5	56.7	15 300 *	49.5	57.8	15 600	54.3	59.1	14 700										30.0
32.0	35.9	51.9	12 300 *	42.0	54.7	13 900 *	45.3	56.0	14 300	50.3	57.6	13 500	54.9	58.6	12 700							32.0
34.0	30.1	48.8	11 200 *	37.1	52.3	12 600 *	40.7	53.8	13 200	46.1	55.8	12 500	51.0	57.1	11 800							34.0
36.0	23.1	44.8	10 200 *	31.5	49.3	11 500 *	35.6	51.3	12 200	41.6	53.7	11 600	46.9	55.4	10 900							36.0
38.0	13.0	38.7	9 000 *	24.8	45.6	10 500 *	29.8	48.2	11 300 *	36.7	51.3	10 800	42.4	53.3	10 100	47.4	54.6	9 500				38.0
40.0				15.8	40.2	9 500 *	22.7	44.1	10 300 *	31.0	48.3	10 000	37.5	51.0	9 400	43.0	52.7	8 900				40.0
42.0							12.3	37.8	9 200 *	24.3	44.5	9 400	32.0	48.1	8 800	38.2	50.3	8 300	43.4	51.7	7 800	42.0
44.0										14.9	38.9	8 800	25.5	44.4	8 300	32.8	47.5	7 800	38.6	49.4	7 300	44.0
46.0													16.8	39.3	7 700	26.5	44.0	7 200	33.3	46.6	6 800	46.0
48.0																18.2	39.1	6 800	27.0	43.2	6 400	48.0
50.0																			19.0	38.5	6 000	50.0

Liftcrane Luffing Jib Capacities

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

777 SERIES 2

27.4m (90 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
12.2	75.6	68.8	22 900 *																			12.2
14.0	72.9	68.3	22 300 *																			14.0
16.0	69.9	67.7	21 600 *																			16.0
18.0	66.8	66.9	20 500 *																			18.0
20.0	63.6	65.9	19 400 *	67.5	66.8	20 800 *																20.0
22.0	60.3	64.9	18 300 *	64.3	65.9	19 700 *	66.6	66.4	20 400 *													22.0
24.0	56.9	63.6	17 300 *	61.0	64.9	18 600 *	63.4	65.4	19 300 *													24.0
26.0	53.4	62.3	16 400 *	57.7	63.7	17 600 *	60.1	64.4	18 300													26.0
28.0	49.7	60.7	15 000 *	54.2	62.4	16 700 *	56.7	63.1	16 900	60.8	64.0	16 000										28.0
30.0	45.8	58.8	13 600 *	50.5	60.8	15 500 *	53.2	61.7	15 400	57.4	62.8	14 600										30.0
32.0	41.6	56.7	12 300 *	46.7	59.1	13 900 *	49.5	60.1	14 200	53.9	61.5	13 400	58.0	62.3	12 700							32.0
34.0	37.0	54.3	11 200 *	42.5	57.0	12 600 *	45.6	58.3	13 100	50.2	59.9	12 400	54.5	60.9	11 700							34.0
36.0	31.9	51.4	10 300 *	38.1	54.7	11 500 *	41.4	56.2	12 200	46.4	58.1	11 500	50.9	59.4	10 800							36.0
38.0	25.9	47.8	9 400 *	33.1	51.9	10 500 *	36.8	53.7	11 200	42.2	56.1	10 700	47.0	57.7	10 000							38.0
40.0	18.2	42.8	8 500 *	27.4	48.4	9 600 *	31.6	50.8	10 300 *	37.7	53.7	9 900	42.9	55.7	9 400	47.5	56.9	8 800				40.0
42.0				20.2	43.9	8 800 *	25.6	47.1	9 400 *	32.7	50.8	9 300	38.5	53.3	8 700	43.5	55.0	8 100				42.0
44.0				8.5	36.1	7 700 *	17.8	42.1	8 600 *	26.9	47.4	8 700	33.6	50.6	8 200	39.1	52.7	7 600	43.8	54.0	7 100	44.0
46.0										19.5	42.7	8 200	27.9	47.2	7 600	34.3	50.0	7 100	39.5	51.7	6 600	46.0
48.0													20.9	42.8	7 200	28.7	46.8	6 700	34.7	49.1	6 200	48.0
50.0													10.1	35.6	6 700	22.0	42.5	6 300	29.2	45.9	5 800	50.0
52.0																			22.6	41.8	5 500	52.0
54.0																			13.2	35.6	5 100	54.0



Liftcrane Luffing Jib Capacities

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

777 SERIES 2

27.4m (90 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
13.7	74.6	71.6	20 900 *																			13.7
14.0	74.2	71.5	20 800 *																			14.0
16.0	71.4	70.9	20 000 *																			16.0
18.0	68.5	70.2	18 800 *																			18.0
20.0	65.6	69.3	17 800 *	69.1	70.1	19 100 *																20.0
22.0	62.6	68.3	16 800 *	66.2	69.3	18 100 *																22.0
24.0	59.5	67.2	15 800 *	63.3	68.3	17 100 *	65.4	68.8	17 700 *													24.0
26.0	56.4	66.0	14 900 *	60.2	67.3	16 100 *	62.5	67.8	16 800 *													26.0
28.0	53.1	64.6	14 100 *	57.1	66.1	15 200 *	59.4	66.7	15 800 *													28.0
30.0	49.6	63.0	13 300 *	53.8	64.7	14 300 *	56.2	65.5	15 000 *	60.0	66.4	14 400										30.0
32.0	46.0	61.1	12 200 *	50.4	63.1	13 600 *	52.9	64.0	14 100	56.8	65.2	13 200										32.0
34.0	42.1	59.1	11 100 *	46.8	61.4	12 600 *	49.5	62.4	13 000	53.6	63.8	12 200										34.0
36.0	38.0	56.7	10 200 *	43.0	59.4	11 400 *	45.8	60.6	12 000	50.2	62.2	11 300	54.1	63.3	10 600							36.0
38.0	33.4	53.9	9 300 *	38.9	57.0	10 400 *	42.0	58.5	11 200	46.6	60.4	10 500	50.7	61.7	9 900							38.0
40.0	28.1	50.6	8 600 *	34.4	54.4	9 600 *	37.8	56.1	10 200 *	42.7	58.4	9 800	47.2	60.0	9 200	51.2	61.0	8 600				40.0
42.0	21.7	46.3	7 900 *	29.4	51.2	8 800 *	33.1	53.3	9 400 *	38.6	56.1	9 200	43.4	58.0	8 600	47.6	59.2	8 000				42.0
44.0	12.6	39.8	6 900 *	23.3	47.1	8 000 *	27.8	49.9	8 600 *	34.1	53.4	8 600	39.3	55.7	8 000	43.9	57.3	7 500				44.0
46.0				15.1	41.4	7 300 *	21.4	45.6	7 900 *	28.9	50.1	8 000	34.9	53.1	7 500	39.9	55.1	7 000	44.2	56.3	6 500	46.0
48.0							12.0	38.9	7 100 *	22.8	46.0	7 500	29.9	49.9	7 000	35.5	52.5	6 500	40.2	54.1	6 100	48.0
50.0										14.3	40.0	7 100	23.9	46.0	6 600	30.6	49.4	6 100	35.9	51.6	5 700	50.0
52.0													16.1	40.5	6 200	24.8	45.6	5 800	31.0	48.5	5 300	52.0
54.0																17.3	40.4	5 400	25.3	44.8	5 000	54.0
56.0																			18.0	39.7	4 700	56.0

Liftcrane Luffing Jib Capacities

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

777 SERIES 2

27.4m (90 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
13.7	75.6	74.7	19 500 *																			13.7
14.0	75.3	74.7	19 400 *																			14.0
16.0	72.6	74.1	18 400 *																			16.0
18.0	70.0	73.4	17 400 *																			18.0
20.0	67.3	72.6	16 400 *	70.6	73.4	17 600 *																20.0
22.0	64.6	71.7	15 500 *	67.9	72.6	16 600 *																22.0
24.0	61.8	70.7	14 500 *	65.2	71.7	15 700 *																24.0
26.0	58.9	69.6	13 700 *	62.4	70.7	14 800 *	64.4	71.2	15 400 *													26.0
28.0	55.9	68.3	12 900 *	59.5	69.6	14 000 *	61.6	70.2	14 500 *													28.0
30.0	52.8	66.9	12 100 *	56.6	68.4	13 100 *	58.7	69.1	13 700 *													30.0
32.0	49.6	65.3	11 300 *	53.5	67.0	12 300 *	55.7	67.8	12 900 *	59.3	68.8	13 200										32.0
34.0	46.2	63.5	10 700 *	50.3	65.4	11 600 *	52.7	66.3	12 200 *	56.3	67.5	12 200										34.0
36.0	42.6	61.4	10 000 *	47.0	63.7	10 900 *	49.4	64.7	11 400 *	53.3	66.1	11 300										36.0
38.0	38.8	59.1	9 300 *	43.5	61.7	10 200 *	46.0	62.9	10 700 *	50.1	64.5	10 500	53.8	65.6	9 800							38.0
40.0	34.6	56.4	8 600 *	39.7	59.4	9 600 *	42.4	60.9	10 100 *	46.7	62.7	9 800	50.6	64.0	9 100							40.0
42.0	29.9	53.2	7 900 *	35.6	56.8	8 800 *	38.6	58.5	9 400 *	43.2	60.7	9 100	47.3	62.3	8 500	51.0	63.3	8 000				42.0
44.0	24.4	49.3	7 300 *	31.0	53.8	8 100 *	34.4	55.8	8 600 *	39.4	58.4	8 500	43.8	60.3	7 900	47.7	61.5	7 400				44.0
46.0	17.4	44.1	6 600 *	25.7	50.1	7 400 *	29.6	52.6	7 900 *	35.2	55.8	8 000	40.0	58.1	7 500	44.3	59.6	7 000				46.0
48.0				19.1	45.2	6 800 *	24.1	48.7	7 300 *	30.6	52.7	7 500	36.0	55.5	7 000	40.5	57.4	6 500	44.6	58.6	6 000	48.0
50.0				8.7	37.2	6 000 *	16.9	43.3	6 700 *	25.3	49.0	7 100	31.4	52.5	6 600	36.5	54.9	6 100	40.9	56.5	5 600	50.0
52.0										18.6	44.0	6 600	26.2	48.9	6 200	32.1	52.0	5 700	36.9	54.0	5 300	52.0
54.0													19.8	44.2	5 800	27.0	48.4	5 400	32.5	51.1	5 000	54.0
56.0													10.1	36.7	5 500	20.8	43.9	5 100	27.4	47.6	4 700	56.0
58.0																			21.4	43.2	4 400	58.0
60.0																			12.8	36.7	4 100	60.0



Liftcrane Luffing Jib Capacities

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

777 SERIES 2

27.4m (90 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
15.2	74.7	77.5	17 300 *																			15.2
16.0	73.8	77.3	16 900 *																			16.0
18.0	71.3	76.6	16 000 *																			18.0
20.0	68.8	75.9	15 000 *																			20.0
22.0	66.3	75.1	14 100 *	69.4	75.9	15 200 *																22.0
24.0	63.7	74.2	13 200 *	66.8	75.1	14 300 *																24.0
26.0	61.0	73.1	12 300 *	64.2	74.2	13 400 *	66.1	74.6	14 000 *													26.0
28.0	58.3	71.9	11 600 *	61.6	73.1	12 600 *	63.5	73.7	13 200 *													28.0
30.0	55.5	70.6	10 800 *	58.9	72.0	11 800 *	60.9	72.6	12 400 *													30.0
32.0	52.6	69.2	10 100 *	56.1	70.7	11 000 *	58.1	71.4	11 600 *	61.4	72.3	12 400 *										32.0
34.0	49.6	67.6	9 500 *	53.2	69.3	10 300 *	55.3	70.1	10 800 *	58.7	71.1	11 600 *										34.0
36.0	46.4	65.8	8 800 *	50.2	67.7	9 600 *	52.4	68.7	10 100 *	55.9	69.8	10 900 *										36.0
38.0	43.0	63.7	8 200 *	47.1	66.0	9 000 *	49.4	67.0	9 500 *	53.0	68.4	10 200 *										38.0
40.0	39.5	61.5	7 700 *	43.8	64.0	8 400 *	46.2	65.2	8 900 *	50.0	66.8	9 600 *	53.5	67.9	9 000 *							40.0
42.0	35.6	58.9	7 200 *	40.3	61.8	7 800 *	42.9	63.2	8 300 *	46.9	65.0	8 900 *	50.5	66.3	8 400 *							42.0
44.0	31.4	55.8	6 700 *	36.5	59.3	7 300 *	39.3	60.9	7 700 *	43.6	63.0	8 400 *	47.4	64.6	7 800 *	50.9	65.6	7 300 *				44.0
46.0	26.5	52.2	6 300 *	32.4	56.3	6 800 *	35.4	58.3	7 200 *	40.0	60.8	7 800 *	44.1	62.6	7 300 *	47.8	63.8	6 800 *				46.0
48.0	20.6	47.6	5 900 *	27.7	52.9	6 400 *	31.2	55.2	6 700 *	36.2	58.3	7 300 *	40.6	60.4	6 800 *	44.6	61.9	6 300 *				48.0
50.0	12.4	40.9	5 400 *	22.1	48.6	6 000 *	26.3	51.6	6 300 *	32.0	55.3	6 800 *	36.9	57.9	6 400 *	41.1	59.8	5 900 *	44.8	60.9	5 500 *	50.0
52.0				14.6	42.5	5 700 *	20.3	46.9	5 900 *	27.3	51.8	6 400 *	32.8	55.1	6 000 *	37.4	57.3	5 600 *	41.4	58.8	5 100 *	52.0
54.0							11.8	40.0	5 500 *	21.6	47.4	6 000 *	28.1	51.7	5 700 *	33.3	54.5	5 200 *	37.7	56.4	4 800 *	54.0
56.0										13.9	41.1	5 600 *	22.7	47.5	5 300 *	28.8	51.2	4 900 *	33.7	53.6	4 500 *	56.0
58.0													15.4	41.7	5 000 *	23.4	47.1	4 600 *	29.2	50.3	4 200 *	58.0
60.0																16.6	41.6	4 400 *	23.9	46.3	4 000 *	60.0
62.0																			17.2	41.0	3 700 *	62.0
64.0																			5.0	30.8	3 500 *	64.0

Liftcrane Luffing Jib Capacities

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

777 SERIES 2

27.4m (90 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
15.2	75.6	80.6	15 700 *																			15.2
16.0	74.7	80.4	15 500 *																			16.0
18.0	72.4	79.9	14 700 *																			18.0
20.0	70.1	79.2	13 800 *																			20.0
22.0	67.7	78.4	12 900 *																			22.0
24.0	65.3	77.5	12 100 *	68.3	78.4	13 100 *																24.0
26.0	62.9	76.6	11 300 *	65.9	77.5	12 300 *	67.6	77.9	12 800 *													26.0
28.0	60.3	75.5	10 500 *	63.4	76.6	11 500 *	65.2	77.0	12 000 *													28.0
30.0	57.8	74.3	9 800 *	60.9	75.5	10 700 *	62.7	76.1	11 200 *													30.0
32.0	55.1	73.0	9 100 *	58.3	74.3	10 000 *	60.2	75.0	10 500 *													32.0
34.0	52.4	71.5	8 500 *	55.7	73.0	9 300 *	57.6	73.8	9 800 *	60.7	74.6	10 600 *										34.0
36.0	49.5	69.9	7 900 *	53.0	71.6	8 700 *	55.0	72.4	9 200 *	58.2	73.5	9 900 *										36.0
38.0	46.5	68.1	7 300 *	50.2	70.0	8 100 *	52.2	71.0	8 500 *	55.5	72.1	9 200 *										38.0
40.0	43.4	66.1	6 800 *	47.2	68.3	7 500 *	49.4	69.3	7 900 *	52.8	70.7	8 600 *	56.0	71.6	8 900							40.0
42.0	40.1	63.8	6 300 *	44.1	66.3	6 900 *	46.4	67.5	7 300 *	49.9	69.1	8 000 *	53.2	70.2	8 200							42.0
44.0	36.5	61.3	5 800 *	40.9	64.1	6 400 *	43.3	65.5	6 800 *	47.0	67.3	7 400 *	50.4	68.6	7 700							44.0
46.0	32.6	58.4	5 400 *	37.3	61.7	6 000 *	39.9	63.3	6 300 *	43.9	65.4	6 900 *	47.5	66.9	7 200	50.8	67.9	6 700				46.0
48.0	28.3	55.0	4 900 *	33.5	58.9	5 500 *	36.3	60.7	5 800 *	40.6	63.2	6 400 *	44.4	64.9	6 700	47.9	66.1	6 200				48.0
50.0	23.2	50.8	4 400 *	29.3	55.6	5 100 *	32.4	57.8	5 400 *	37.1	60.7	5 900 *	41.2	62.8	6 300	44.8	64.2	5 800				50.0
52.0	16.7	45.3	4 000 *	24.4	51.6	4 500 *	28.0	54.4	4 900 *	33.2	57.8	5 500 *	37.7	60.3	5 900	41.6	62.1	5 500	45.1	63.2	5 000	52.0
54.0				18.3	46.5	4 100 *	22.9	50.2	4 400 *	28.9	54.5	5 000 *	33.9	57.6	5 500	38.2	59.7	5 100	41.9	61.1	4 700	54.0
56.0				8.9	38.3	3 700 *	16.3	44.5	4 000 *	24.0	50.5	4 500 *	29.7	54.4	5 100 *	34.4	57.0	4 800	38.5	58.8	4 400	56.0
58.0										17.8	45.3	4 100 *	24.9	50.5	4 600 *	30.3	53.8	4 500	34.7	56.1	4 100	58.0
60.0													19.0	45.5	4 100 *	25.6	50.1	4 200	30.6	53.0	3 900	60.0
62.0													10.1	37.8	3 700 *	19.8	45.3	4 000	26.0	49.2	3 600	62.0
64.0																11.7	38.2	3 700	20.4	44.6	3 400	64.0
66.0																			12.5	37.8	3 200	66.0



Liftcrane Luffing Jib Capacities

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

777 SERIES 2

30.5m (100 Ft.) Boom, 21.3m (70 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
10.7	67.4	53.2	44 800 *b																			10.7
12.0	63.5	52.6	42 900 *b																			12.0
14.0	57.3	51.4	38 700 *	65.6	52.7	40 700 *b																14.0
16.0	50.6	50.0	32 300 *	59.5	51.6	34 700 *b	64.4	52.2	35 000 b													16.0
18.0	43.3	48.1	27 500 *	53.1	50.3	30 200 *	58.3	51.2	30 100													18.0
20.0	34.7	45.7	23 800 *	46.0	48.6	26 800 *	51.8	49.8	26 400	60.4	50.9	25 000 b										20.0
22.0	23.7	42.1	20 500 *	38.0	46.4	24 000 *	44.5	48.0	23 400	54.0	49.6	22 200										22.0
24.0				28.1	43.3	21 700 *	36.3	45.6	21 000	47.0	48.0	19 900										24.0
26.0							25.8	42.3	19 000	39.1	45.8	18 000	49.1	47.7	17 000							26.0
28.0										29.6	42.9	16 400	41.6	45.7	15 500	50.9	47.0	14 600				28.0
30.0										15.6	38.1	15 000	32.7	43.0	14 200	43.6	45.2	13 400				30.0
32.0													20.7	39.1	13 100	35.1	42.7	12 300	45.1	44.3	11 600	32.0
34.0																24.2	39.2	11 400	36.9	42.0	10 700	34.0
36.0																			26.7	38.8	9 900	36.0
38.0																			9.3	32.6	9 200	38.0

Liftcrane Luffing Jib Capacities

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

777 SERIES 2

30.5m (100 Ft.) Boom, 24.4m (80 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
10.7	70.3	56.5	40 900 *b																			10.7
12.0	67.0	55.9	39 600 *b																			12.0
14.0	61.8	55.0	37 500 *	68.8	56.0	39 600 *b																14.0
16.0	56.3	53.8	32 600 *	63.7	55.1	34 500 *b																16.0
18.0	50.4	52.3	27 600 *	58.3	54.0	30 000 *	62.6	54.7	30 000													18.0
20.0	44.0	50.4	23 900 *	52.6	52.6	26 500 *	57.2	53.5	26 200													20.0
22.0	36.8	48.1	20 900 *	46.4	50.9	23 700 *	51.4	52.1	23 300	59.0	53.3	22 100										22.0
24.0	28.0	44.9	18 500 *	39.5	48.8	21 400 *	45.1	50.3	20 900	53.4	51.9	19 700										24.0
26.0				31.4	45.9	19 400 *	38.0	48.0	18 900	47.2	50.3	17 900	55.1	51.5	16 800							26.0
28.0				20.6	41.8	17 100 *	29.6	45.0	17 200	40.5	48.2	16 300	49.1	50.0	15 300							28.0
30.0							17.9	40.5	15 800	32.6	45.5	14 900	42.5	48.0	14 000							30.0
32.0										22.3	41.7	13 700	35.0	45.5	12 900	44.3	47.5	12 200				32.0
34.0													25.7	42.1	11 900	37.1	45.2	11 200	45.6	46.6	10 500	34.0
36.0																28.4	42.1	10 400	38.6	44.4	9 700	36.0
38.0																15.8	37.1	9 600	30.3	41.5	9 100	38.0
40.0																			19.0	37.1	8 400	40.0



Liftcrane Luffing Jib Capacities

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

777 SERIES 2

30.5m (100 Ft.) Boom, 27.4m (90 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
10.7	72.6	59.7	36 700 *b																			10.7
12.0	69.7	59.2	35 400 *b																			12.0
14.0	65.1	58.4	33 300 *																			14.0
16.0	60.4	57.4	31 500 *	66.8	58.5	33 900 *																16.0
18.0	55.5	56.1	28 000 *	62.1	57.5	30 100 *																18.0
20.0	50.3	54.6	24 100 *	57.3	56.3	26 500 *	61.2	57.0	26 100													20.0
22.0	44.6	52.8	21 100 *	52.2	54.9	23 700 *	56.3	55.8	23 200													22.0
24.0	38.3	50.5	18 700 *	46.7	53.2	21 400 *	51.2	54.4	20 800	58.0	55.6	19 700										24.0
26.0	30.9	47.6	16 700 *	40.6	51.1	19 400 *	45.6	52.6	18 800	52.9	54.3	17 700										26.0
28.0	21.4	43.5	14 800 *	33.7	48.5	17 500 *	39.4	50.4	17 100	47.4	52.6	16 200	54.4	53.8	15 200							28.0
30.0				25.2	44.9	15 600 *	32.2	47.6	15 700	41.5	50.6	14 800	49.1	52.3	13 900							30.0
32.0				12.1	39.0	13 700 *	23.2	43.8	14 500	34.7	48.0	13 700	43.3	50.4	12 800	50.5	51.6	12 000				32.0
34.0										26.5	44.6	12 600	36.8	48.0	11 800	44.8	49.8	11 100				34.0
36.0										14.5	39.3	11 700	29.1	44.9	11 000	38.5	47.6	10 300				36.0
38.0													18.8	40.4	10 200	31.2	44.7	9 600	39.9	46.8	8 900	38.0
40.0																21.9	40.7	8 900	32.8	44.1	8 300	40.0
42.0																			24.0	40.4	7 700	42.0
44.0																			9.5	33.7	7 200	44.0

Liftcrane Luffing Jib Capacities

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

777 SERIES 2

30.5m (100 Ft.) Boom, 30.5m (100 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
10.7	74.4	62.9	33 700 *b																			10.7
12.0	71.8	62.4	32 700 *																			12.0
14.0	67.8	61.7	31 100 *																			14.0
16.0	63.6	60.8	29 300 *	69.2	61.8	31 900 *																16.0
18.0	59.4	59.7	27 500 *	65.1	60.9	29 700 *																18.0
20.0	54.9	58.4	24 000 *	60.9	59.9	26 300 *	64.3	60.5	26 000													20.0
22.0	50.1	56.9	21 100 *	56.5	58.7	23 400 *	60.1	59.4	23 000													22.0
24.0	45.1	55.1	18 700 *	51.9	57.2	21 100 *	55.6	58.2	20 600													24.0
26.0	39.5	52.9	16 700 *	46.9	55.5	19 100 *	50.9	56.7	18 600	57.1	58.0	17 600										26.0
28.0	33.1	50.1	15 000 *	41.5	53.5	17 400 *	45.9	54.9	17 000	52.5	56.6	16 000										28.0
30.0	25.4	46.6	13 600 *	35.5	50.9	15 700 *	40.4	52.8	15 500	47.6	54.9	14 700	53.9	56.2	13 800							30.0
32.0	14.3	41.0	11 700 *	28.4	47.7	14 100 *	34.2	50.1	14 300	42.3	52.9	13 500	49.1	54.6	12 700							32.0
34.0				19.0	43.2	12 700 *	26.8	46.7	13 200	36.3	50.4	12 500	43.9	52.7	11 700	50.3	53.9	10 900				34.0
36.0							16.6	41.7	12 300	29.4	47.3	11 500	38.2	50.4	10 800	45.2	52.1	10 100				36.0
38.0										20.5	43.0	10 700	31.6	47.5	10 100	39.7	49.9	9 400				38.0
40.0													23.4	43.7	9 300	33.4	47.2	8 700	40.9	49.1	8 100	40.0
42.0																25.7	43.7	8 200	34.7	46.5	7 600	42.0
44.0																14.9	38.3	7 600	27.4	43.2	7 100	44.0
46.0																			17.6	38.4	6 600	46.0



Liftcrane Luffing Jib Capacities

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

777 SERIES 2

30.5m (100 Ft.) Boom, 33.5m (110 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
10.7	75.8	66.0	31 200 *b																			10.7
12.0	73.5	65.6	30 200 *																			12.0
14.0	69.9	65.0	28 800 *																			14.0
16.0	66.2	64.2	27 300 *																			16.0
18.0	62.4	63.2	25 900 *	67.5	64.2	28 000 *																18.0
20.0	58.5	62.1	24 200 *	63.8	63.3	26 300 *	66.8	63.8	26 000													20.0
22.0	54.4	60.7	21 100 *	59.9	62.3	23 400 *	63.0	62.9	23 000													22.0
24.0	50.0	59.2	18 800 *	55.9	61.0	21 100 *	59.1	61.8	20 600													24.0
26.0	45.4	57.4	16 800 *	51.6	59.5	19 100 *	55.1	60.5	18 600	60.4	61.5	17 600										26.0
28.0	40.4	55.2	15 100 *	47.1	57.8	17 400 *	50.8	59.0	17 000	56.4	60.3	16 000										28.0
30.0	34.8	52.6	13 700 *	42.2	55.8	15 800 *	46.2	57.2	15 600	52.2	58.9	14 600										30.0
32.0	28.3	49.4	12 400 *	36.9	53.4	14 200 *	41.3	55.1	14 300	47.7	57.2	13 500	53.5	58.5	12 600							32.0
34.0	19.9	44.9	11 200 *	30.7	50.4	12 900 *	35.8	52.6	13 200	42.9	55.2	12 400	49.1	56.9	11 700							34.0
36.0				23.2	46.5	11 700 *	29.4	49.5	12 300	37.6	52.9	11 500	44.4	55.0	10 800	50.2	56.2	10 100				36.0
38.0				11.8	40.1	10 500 *	21.4	45.3	11 400	31.6	50.0	10 700	39.2	52.8	10 100	45.6	54.4	9 400				38.0
40.0										24.3	46.2	10 000	33.5	50.0	9 300	40.6	52.3	8 700	46.6	53.5	8 100	40.0
42.0										13.8	40.4	9 300	26.7	46.6	8 700	35.0	49.7	8 200	41.6	51.5	7 600	42.0
44.0													17.6	41.7	8 200	28.5	46.5	7 600	36.2	49.0	7 100	44.0
46.0																20.2	42.1	7 100	29.9	45.9	6 600	46.0
48.0																			22.1	41.8	6 200	48.0
50.0																			9.6	34.8	5 800	50.0

Liftcrane Luffing Jib Capacities

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

777 SERIES 2

30.5m (100 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
12.2	74.6	68.8	27 800 *																			12.2
14.0	71.6	68.2	26 600 *																			14.0
16.0	68.3	67.5	25 200 *																			16.0
18.0	64.9	66.6	23 800 *																			18.0
20.0	61.4	65.6	22 600 *	66.1	66.7	24 500 *																20.0
22.0	57.7	64.4	21 100 *	62.6	65.7	23 100 *	65.4	66.3	22 900													22.0
24.0	53.9	63.1	18 700 *	59.0	64.6	20 900 *	61.9	65.3	20 500													24.0
26.0	50.0	61.5	16 700 *	55.3	63.3	18 900 *	58.3	64.1	18 500													26.0
28.0	45.7	59.7	15 100 *	51.4	61.8	17 200 *	54.6	62.8	16 800	59.5	63.9	15 800										28.0
30.0	41.2	57.6	13 600 *	47.3	60.1	15 700 *	50.6	61.3	15 400	55.8	62.6	14 500										30.0
32.0	36.2	55.1	12 400 *	42.8	58.1	14 200 *	46.4	59.5	14 100	51.9	61.2	13 300	56.9	62.2	12 400							32.0
34.0	30.4	52.0	11 300 *	38.0	55.8	12 900 *	41.9	57.4	13 100	47.8	59.5	12 300	53.1	60.8	11 500							34.0
36.0	23.5	48.1	10 300 *	32.6	53.0	11 700 *	37.0	55.0	12 100	43.5	57.5	11 400	49.1	59.2	10 600							36.0
38.0	13.7	42.2	9 100 *	26.2	49.4	10 700 *	31.4	52.1	11 300	38.7	55.2	10 600	44.8	57.3	9 900	50.1	58.5	9 200				38.0
40.0				17.8	44.5	9 700 *	24.8	48.3	10 500	33.3	52.5	9 800	40.1	55.1	9 200	45.9	56.7	8 500				40.0
42.0							15.7	42.9	9 600 *	27.1	49.1	9 200	35.0	52.5	8 600	41.3	54.6	8 000				42.0
44.0										19.1	44.4	8 600	29.1	49.3	8 000	36.4	52.2	7 400	42.3	53.8	6 900	44.0
46.0													21.8	45.1	7 500	30.7	49.1	7 000	37.4	51.4	6 400	46.0
48.0																23.8	45.2	6 600	31.9	48.5	6 000	48.0
50.0																14.2	39.4	6 100	25.3	44.8	5 700	50.0
52.0																			16.6	39.6	5 300	52.0



Liftcrane Luffing Jib Capacities

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

777 SERIES 2

30.5m (100 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
12.2	75.8	71.9	22 600 *																			12.2
14.0	73.1	71.4	22 100 *																			14.0
16.0	70.0	70.7	21 500 *																			16.0
18.0	66.9	69.9	20 500 *																			18.0
20.0	63.7	69.0	19 400 *	68.0	70.0	20 900 *																20.0
22.0	60.5	68.0	18 300 *	64.9	69.1	19 800 *																22.0
24.0	57.1	66.8	17 300 *	61.6	68.1	18 800 *	64.3	68.7	19 500 *													24.0
26.0	53.6	65.4	16 400 *	58.3	67.0	17 800 *	61.0	67.7	18 400													26.0
28.0	49.9	63.8	15 100 *	54.8	65.6	16 900 *	57.6	66.5	16 700	62.1	67.4	15 700										28.0
30.0	46.0	62.0	13 700 *	51.2	64.1	15 800 *	54.2	65.1	15 300	58.8	66.3	14 300										30.0
32.0	41.8	59.9	12 400 *	47.4	62.4	14 200 *	50.5	63.6	14 100	55.3	65.0	13 200										32.0
34.0	37.3	57.5	11 300 *	43.3	60.4	12 900 *	46.6	61.8	13 000	51.7	63.5	12 200	56.3	64.5	11 400							34.0
36.0	32.2	54.6	10 400 *	38.9	58.2	11 800 *	42.5	59.8	12 000	47.9	61.8	11 300	52.8	63.1	10 500							36.0
38.0	26.3	51.0	9 500 *	34.1	55.5	10 700 *	38.0	57.4	11 200	43.9	59.9	10 500	49.1	61.5	9 700							38.0
40.0	18.7	46.2	8 600 *	28.5	52.2	9 900 *	33.1	54.6	10 500	39.5	57.6	9 800	45.1	59.6	9 100	50.0	60.8	8 400				40.0
42.0				21.7	47.9	9 000 *	27.3	51.2	9 700	34.8	55.0	9 100	40.9	57.5	8 500	46.1	59.0	7 800				42.0
44.0				11.6	41.2	8 100 *	20.1	46.6	8 900 *	29.3	51.8	8 500	36.2	55.0	7 900	42.0	57.0	7 300				44.0
46.0										22.7	47.7	8 000	31.0	51.9	7 400	37.4	54.6	6 900	42.8	56.1	6 300	46.0
48.0										13.4	41.5	7 500	24.8	48.2	7 000	32.4	51.7	6 400	38.4	53.8	5 900	48.0
50.0													16.6	42.9	6 500	26.5	48.2	6 000	33.5	51.0	5 500	50.0
52.0																19.0	43.4	5 700	27.8	47.7	5 200	52.0
54.0																			20.7	43.2	4 900	54.0
56.0																			9.7	35.9	4 600	56.0

Liftcrane Luffing Jib Capacities

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

777 SERIES 2

30.5m (100 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
13.7	74.7	74.7	20 600 *																			13.7
14.0	74.3	74.6	20 600 *																			14.0
16.0	71.5	74.0	19 900 *																			16.0
18.0	68.7	73.2	18 800 *																			18.0
20.0	65.7	72.4	17 800 *	69.7	73.3	19 200 *																20.0
22.0	62.8	71.4	16 800 *	66.8	72.5	18 200 *																22.0
24.0	59.7	70.3	15 900 *	63.8	71.6	17 200 *	66.2	72.0	17 900 *													24.0
26.0	56.5	69.1	15 000 *	60.8	70.5	16 300 *	63.3	71.1	17 000 *													26.0
28.0	53.2	67.7	14 100 *	57.7	69.3	15 400 *	60.2	70.0	16 100 *													28.0
30.0	49.8	66.1	13 300 *	54.4	68.0	14 500 *	57.1	68.8	15 100	61.2	69.8	14 200										30.0
32.0	46.2	64.3	12 300 *	51.1	66.4	13 700 *	53.8	67.4	13 900	58.1	68.6	13 000										32.0
34.0	42.4	62.2	11 200 *	47.5	64.7	12 900 *	50.4	65.9	12 900	54.9	67.3	12 000										34.0
36.0	38.2	59.9	10 300 *	43.8	62.8	11 700 *	46.8	64.1	11 900	51.5	65.8	11 100	55.8	66.8	10 300							36.0
38.0	33.6	57.1	9 400 *	39.7	60.5	10 700 *	43.0	62.1	11 100	48.0	64.1	10 300	52.5	65.4	9 600							38.0
40.0	28.4	53.8	8 600 *	35.3	57.9	9 800 *	38.9	59.8	10 300	44.3	62.2	9 600	49.1	63.8	8 900							40.0
42.0	22.1	49.6	7 900 *	30.4	54.8	9 000 *	34.4	57.1	9 600	40.3	60.0	9 000	45.4	61.9	8 300	49.9	63.1	7 700				42.0
44.0	13.3	43.3	7 000 *	24.5	51.0	8 200 *	29.3	53.9	8 800 *	35.9	57.4	8 400	41.5	59.8	7 800	46.3	61.3	7 200				44.0
46.0				16.9	45.7	7 500 *	23.3	49.8	8 100 *	31.1	54.4	7 900	37.3	57.4	7 300	42.5	59.3	6 700	47.1	60.4	6 200	46.0
48.0							15.1	44.1	7 400 *	25.4	50.7	7 400	32.6	54.5	6 800	38.4	57.0	6 300	43.3	58.5	5 700	48.0
50.0										18.1	45.7	6 900	27.2	51.0	6 400	33.8	54.2	5 900	39.2	56.2	5 400	50.0
52.0													20.5	46.5	6 000	28.6	50.9	5 500	34.8	53.5	5 000	52.0
54.0																22.4	46.7	5 200	29.7	50.4	4 700	54.0
56.0																13.7	40.6	4 900	23.8	46.4	4 400	56.0
58.0																			15.8	40.8	4 200	58.0



Liftcrane Luffing Jib Capacities

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

777 SERIES 2

30.5m (100 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
13.7	75.8	77.8	19 300 *																			13.7
14.0	75.4	77.7	19 200 *																			14.0
16.0	72.8	77.2	18 400 *																			16.0
18.0	70.1	76.5	17 400 *																			18.0
20.0	67.5	75.7	16 400 *																			20.0
22.0	64.7	74.8	15 500 *	68.4	75.8	16 800 *																22.0
24.0	61.9	73.8	14 600 *	65.7	74.9	15 900 *																24.0
26.0	59.0	72.7	13 700 *	62.9	74.0	15 000 *	65.2	74.5	15 600 *													26.0
28.0	56.1	71.4	12 900 *	60.1	72.9	14 100 *	62.4	73.5	14 800 *													28.0
30.0	53.0	70.0	12 100 *	57.1	71.7	13 300 *	59.5	72.4	13 900 *													30.0
32.0	49.8	68.4	11 400 *	54.1	70.3	12 500 *	56.5	71.1	13 200 *	60.4	72.2	13 000										32.0
34.0	46.4	66.6	10 700 *	50.9	68.7	11 800 *	53.5	69.7	12 400 *	57.5	71.0	12 000										34.0
36.0	42.8	64.6	10 100 *	47.6	67.0	11 100 *	50.3	68.2	11 600 *	54.5	69.6	11 100										36.0
38.0	39.0	62.3	9 400 *	44.1	65.1	10 400 *	47.0	66.4	11 000 *	51.4	68.1	10 300	55.4	69.2	9 600							38.0
40.0	34.8	59.6	8 700 *	40.4	62.9	9 800 *	43.4	64.4	10 300	48.1	66.4	9 600	52.3	67.7	8 900							40.0
42.0	30.2	56.5	8 000 *	36.4	60.4	9 000 *	39.6	62.2	9 600	44.6	64.5	8 900	49.1	66.1	8 300							42.0
44.0	24.7	52.6	7 300 *	31.9	57.4	8 300 *	35.5	59.6	8 900 *	40.9	62.3	8 400	45.6	64.2	7 700	49.9	65.4	7 100				44.0
46.0	17.8	47.5	6 700 *	26.8	53.8	7 600 *	31.0	56.5	8 200 *	36.9	59.8	7 800	42.0	62.1	7 200	46.5	63.6	6 600				46.0
48.0				20.5	49.3	7 000 *	25.7	52.8	7 500 *	32.5	57.0	7 300	38.1	59.8	6 800	43.0	61.6	6 200				48.0
50.0				11.4	42.3	6 300 *	19.1	48.0	6 900 *	27.5	53.5	6 900	33.9	57.0	6 400	39.1	59.3	5 800	43.7	60.8	5 300	50.0
52.0										21.5	49.1	6 500	29.1	53.7	6 000	35.0	56.7	5 500	39.9	58.5	5 000	52.0
54.0										13.0	42.6	6 100	23.4	49.7	5 600	30.3	53.6	5 100	35.9	56.0	4 700	54.0
56.0													15.9	44.1	5 300	24.9	49.7	4 800	31.3	53.0	4 400	56.0
58.0																18.1	44.7	4 500	26.1	49.3	4 100	58.0
60.0																			19.7	44.6	3 900	60.0
62.0																			9.8	37.0	3 600	62.0

Liftcrane Luffing Jib Capacities

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

777 SERIES 2

30.5m (100 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
15.2	74.8	80.6	17 200 *																			15.2
16.0	73.9	80.3	16 800 *																			16.0
18.0	71.4	79.7	15 900 *																			18.0
20.0	68.9	79.0	15 000 *																			20.0
22.0	66.4	78.2	14 100 *	69.8	79.0	15 300 *																22.0
24.0	63.8	77.3	13 200 *	67.3	78.2	14 400 *																24.0
26.0	61.1	76.2	12 400 *	64.7	77.4	13 600 *	66.8	77.8	14 200 *													26.0
28.0	58.4	75.0	11 600 *	62.1	76.4	12 700 *	64.2	76.9	13 400 *													28.0
30.0	55.6	73.7	10 900 *	59.4	75.2	12 000 *	61.6	75.9	12 600 *													30.0
32.0	52.7	72.3	10 200 *	56.6	74.0	11 200 *	58.9	74.7	11 800 *	62.5	75.6	12 700 *										32.0
34.0	49.7	70.7	9 500 *	53.8	72.6	10 500 *	56.1	73.5	11 100 *	59.8	74.5	11 800 *										34.0
36.0	46.6	68.9	8 900 *	50.8	71.1	9 800 *	53.2	72.1	10 300 *	57.0	73.3	10 900 *										36.0
38.0	43.2	66.9	8 300 *	47.7	69.3	9 100 *	50.2	70.5	9 700 *	54.2	71.9	10 100 *										38.0
40.0	39.7	64.6	7 700 *	44.4	67.4	8 500 *	47.1	68.7	9 000 *	51.2	70.4	9 400 *	55.0	71.5	8 700 *							40.0
42.0	35.8	62.1	7 200 *	41.0	65.2	8 000 *	43.8	66.7	8 500 *	48.1	68.7	8 800 *	52.1	70.0	8 100 *							42.0
44.0	31.6	59.1	6 800 *	37.2	62.8	7 400 *	40.3	64.5	7 900 *	44.9	66.8	8 200 *	49.0	68.4	7 600 *							44.0
46.0	26.8	55.5	6 300 *	33.2	59.9	7 000 *	36.5	62.0	7 400 *	41.5	64.7	7 700 *	45.9	66.5	7 100 *	49.8	67.7	6 500 *				46.0
48.0	21.0	51.0	6 000 *	28.6	56.6	6 500 *	32.3	59.1	6 900 *	37.8	62.2	7 200 *	42.5	64.5	6 600 *	46.7	66.0	6 100 *				48.0
50.0	12.9	44.4	5 400 *	23.2	52.5	6 100 *	27.6	55.6	6 400 *	33.7	59.5	6 800 *	38.9	62.1	6 200 *	43.4	64.0	5 700 *				50.0
52.0				16.2	46.9	5 800 *	22.0	51.3	6 000 *	29.2	56.2	6 400 *	35.0	59.5	5 800 *	39.8	61.7	5 300 *	44.0	63.1	4 800 *	52.0
54.0							14.5	45.2	5 700 *	24.0	52.2	6 000 *	30.6	56.4	5 500 *	36.0	59.1	5 000 *	40.6	60.9	4 500 *	54.0
56.0										17.3	46.9	5 600 *	25.6	52.6	5 100 *	31.8	56.2	4 700 *	36.8	58.4	4 200 *	56.0
58.0													19.5	47.8	4 800 *	27.0	52.6	4 400 *	32.7	55.5	3 900 *	58.0
60.0																21.2	48.1	4 100 *	28.0	52.1	3 700 *	60.0
62.0																13.3	41.7	3 900 *	22.5	47.9	3 500 *	62.0
64.0																			15.2	42.0	3 200 *	64.0



Liftcrane Luffing Jib Capacities

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

777 SERIES 2

30.5m (100 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
15.2	75.7	83.7	15 500 *																			15.2
16.0	74.9	83.5	15 300 *																			16.0
18.0	72.6	82.9	14 700 *																			18.0
20.0	70.2	82.3	13 800 *																			20.0
22.0	67.9	81.5	13 000 *																			22.0
24.0	65.4	80.6	12 100 *	68.7	81.5	13 200 *																24.0
26.0	63.0	79.7	11 300 *	66.3	80.7	12 400 *																26.0
28.0	60.5	78.6	10 600 *	63.9	79.8	11 700 *	65.8	80.3	12 200 *													28.0
30.0	57.9	77.4	9 900 *	61.4	78.7	10 900 *	63.4	79.3	11 500 *													30.0
32.0	55.3	76.1	9 200 *	58.8	77.6	10 200 *	60.9	78.3	10 700 *													32.0
34.0	52.5	74.6	8 600 *	56.2	76.3	9 500 *	58.3	77.1	10 000 *	61.7	78.0	10 800 *										34.0
36.0	49.7	73.0	7 900 *	53.5	74.9	8 800 *	55.7	75.8	9 300 *	59.2	76.9	10 200 *										36.0
38.0	46.7	71.2	7 400 *	50.7	73.4	8 200 *	53.0	74.4	8 700 *	56.6	75.6	9 500 *										38.0
40.0	43.6	69.2	6 800 *	47.8	71.6	7 600 *	50.1	72.8	8 100 *	53.9	74.2	8 900 *	57.3	75.2	8 600							40.0
42.0	40.3	67.0	6 300 *	44.7	69.7	7 100 *	47.2	71.0	7 500 *	51.1	72.7	8 300 *	54.7	73.8	8 000							42.0
44.0	36.7	64.5	5 900 *	41.5	67.6	6 600 *	44.1	69.1	7 000 *	48.2	71.0	7 700 *	51.9	72.3	7 400							44.0
46.0	32.8	61.6	5 500 *	38.0	65.2	6 100 *	40.8	66.9	6 500 *	45.1	69.1	7 100 *	49.0	70.7	7 000	52.6	71.6	6 400				46.0
48.0	28.5	58.2	5 000 *	34.3	62.4	5 600 *	37.3	64.4	6 000 *	41.9	67.0	6 600 *	46.0	68.8	6 500	49.8	70.0	5 900				48.0
50.0	23.5	54.1	4 500 *	30.1	59.3	5 200 *	33.5	61.6	5 600 *	38.5	64.6	6 100 *	42.9	66.8	6 100	46.8	68.3	5 500				50.0
52.0	17.1	48.7	4 000 *	25.4	55.5	4 700 *	29.3	58.3	5 100 *	34.8	61.9	5 700 *	39.5	64.5	5 700	43.7	66.3	5 200	47.4	67.3	4 700	52.0
54.0				19.6	50.6	4 200 *	24.4	54.4	4 600 *	30.7	58.8	5 300 *	35.9	61.9	5 400	40.4	64.1	4 900	44.3	65.4	4 400	54.0
56.0				11.3	43.4	3 800 *	18.3	49.2	4 100 *	26.0	55.1	4 700 *	32.0	59.0	5 000	36.9	61.6	4 500	41.1	63.2	4 100	56.0
58.0										20.4	50.5	4 200 *	27.5	55.5	4 700	33.0	58.7	4 300	37.6	60.8	3 800	58.0
60.0										12.7	43.8	3 800 *	22.2	51.1	4 400	28.7	55.3	4 000	33.8	58.0	3 600	60.0
62.0													15.4	45.3	3 900 *	23.7	51.3	3 800	29.6	54.8	3 400	62.0
64.0																17.3	45.9	3 500	24.8	50.9	3 100	64.0
66.0																			18.8	45.9	2 900	66.0
68.0																			9.8	38.0	2 700	68.0



Liftcrane Luffing Jib Capacities

777 SERIES 2

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

33.5m (110 Ft.) Boom, 21.3m (70 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
10.7	67.7	56.3	44 500 *b																			10.7
12.0	63.8	55.7	42 600 *b																			12.0
14.0	57.6	54.6	39 600 *	66.7	55.9	40 500 *b																14.0
16.0	51.0	53.1	32 600 *	60.7	54.9	35 800 b																16.0
18.0	43.7	51.3	27 800 *	54.3	53.6	30 800	60.0	54.5	29 800													18.0
20.0	35.2	48.9	24 000 *	47.4	52.0	27 000	53.5	53.2	26 000													20.0
22.0	24.4	45.4	20 700 *	39.6	49.9	24 000	46.5	51.5	23 100	56.5	53.1	21 800										22.0
24.0				30.2	47.0	21 500	38.6	49.3	20 800	49.8	51.6	19 500										24.0
26.0							28.9	46.3	18 800	42.4	49.7	17 700	52.7	51.4	16 600							26.0
28.0										33.6	47.1	16 100	45.6	49.7	15 100							28.0
30.0										22.1	43.4	14 700	37.5	47.4	13 800	48.4	49.2	12 900				30.0
32.0													27.5	44.3	12 700	40.7	47.2	11 900				32.0
34.0																31.6	44.4	11 000	43.3	46.5	10 200	34.0
36.0																19.0	40.2	10 100	34.7	44.0	9 400	36.0
38.0																			23.7	40.4	8 800	38.0



Liftcrane Luffing Jib Capacities

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

777 SERIES 2

33.5m (110 Ft.) Boom, 24.4m (80 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
10.7	70.6	59.5	39 400 *b																			10.7
12.0	67.3	59.0	38 100 *b																			12.0
14.0	62.1	58.1	36 400 *	69.7	59.2	38 600 *b																14.0
16.0	56.6	56.9	33 400 *	64.6	58.3	35 200 b																16.0
18.0	50.8	55.4	28 000 *	59.3	57.2	30 700	64.0	57.9	29 600													18.0
20.0	44.4	53.6	24 200 *	53.7	55.9	26 800	58.7	56.8	25 900													20.0
22.0	37.2	51.3	21 200 *	47.6	54.3	23 800	53.0	55.5	23 000	61.2	56.7	21 600										22.0
24.0	28.5	48.2	18 700 *	40.8	52.2	21 400	46.8	53.8	20 600	55.6	55.5	19 400										24.0
26.0				33.0	49.6	19 300	40.0	51.7	18 600	49.7	53.9	17 500										26.0
28.0				23.0	45.8	17 600	32.0	48.9	17 000	43.2	52.0	15 900	52.3	53.7	14 900							28.0
30.0							21.6	45.0	15 600	35.9	49.6	14 600	46.1	52.0	13 600							30.0
32.0										26.8	46.3	13 400	39.1	49.8	12 600	48.5	51.5	11 700				32.0
34.0													30.9	46.9	11 600	41.8	49.5	10 800				34.0
36.0													19.9	42.7	10 800	34.2	46.9	10 000	44.0	48.8	9 300	36.0
38.0																24.6	43.4	9 300	36.8	46.4	8 600	38.0
40.0																			28.0	43.3	8 000	40.0
42.0																			15.2	38.2	7 500	42.0

Liftcrane Luffing Jib Capacities

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

777 SERIES 2

33.5m (110 Ft.) Boom, 27.4m (90 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
10.7	72.8	62.8	36 300 *b																			10.7
12.0	69.9	62.3	35 200 *b																			12.0
14.0	65.4	61.5	33 200 *																			14.0
16.0	60.7	60.5	31 500 *	67.6	61.6	34 300 b																16.0
18.0	55.8	59.2	28 200 *	63.0	60.7	30 700																18.0
20.0	50.6	57.7	24 300 *	58.2	59.6	26 800	62.5	60.3	25 800													20.0
22.0	44.9	55.9	21 300 *	53.2	58.2	23 700	57.7	59.2	22 900													22.0
24.0	38.6	53.7	18 900 *	47.7	56.6	21 300	52.6	57.8	20 500	59.9	59.1	19 300										24.0
26.0	31.4	50.8	16 800 *	41.8	54.6	19 300	47.1	56.1	18 600	54.9	57.8	17 400										26.0
28.0	22.0	46.8	15 000 *	35.1	52.0	17 500	41.1	54.0	16 900	49.6	56.2	15 800										28.0
30.0				27.0	48.7	16 000	34.2	51.4	15 500	43.9	54.4	14 500	51.9	56.0	13 500							30.0
32.0				15.4	43.6	14 300 *	25.9	48.0	14 200	37.5	52.0	13 300	46.4	54.3	12 400							32.0
34.0										30.0	49.0	12 300	40.3	52.1	11 500	48.5	53.8	10 700				34.0
36.0										20.1	44.7	11 400	33.3	49.5	10 700	42.7	51.8	9 900				36.0
38.0													24.7	45.9	9 900	36.1	49.4	9 200				38.0
40.0																28.2	46.2	8 500	38.3	48.8	7 900	40.0
42.0																17.4	41.5	8 000	30.9	45.9	7 400	42.0
44.0																			21.5	41.9	6 900	44.0



Liftcrane Luffing Jib Capacities

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

777 SERIES 2

33.5m (110 Ft.) Boom, 30.5m (100 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
10.7	74.6	65.9	33 400 *b																			10.7
12.0	72.0	65.5	32 400 *b																			12.0
14.0	68.0	64.8	30 900 *																			14.0
16.0	63.9	63.9	29 200 *																			16.0
18.0	59.6	62.8	27 600 *	65.9	64.1	30 100																18.0
20.0	55.1	61.6	24 200 *	61.7	63.1	26 600	65.4	63.7	25 700													20.0
22.0	50.4	60.0	21 200 *	57.3	61.9	23 600	61.2	62.7	22 700													22.0
24.0	45.3	58.2	18 800 *	52.8	60.5	21 100	56.8	61.5	20 400													24.0
26.0	39.8	56.0	16 800 *	47.9	58.9	19 100	52.2	60.1	18 400	58.9	61.4	17 200										26.0
28.0	33.5	53.4	15 100 *	42.6	56.9	17 400	47.3	58.4	16 700	54.4	60.1	15 700										28.0
30.0	25.9	49.8	13 600 *	36.7	54.5	15 900	41.9	56.4	15 400	49.6	58.5	14 300										30.0
32.0	15.1	44.5	11 900 *	29.8	51.4	14 400 *	35.9	53.9	14 100	44.4	56.7	13 200	51.6	58.3	12 200							32.0
34.0				21.0	47.2	13 000 *	28.9	50.7	13 000	38.8	54.4	12 200	46.7	56.6	11 300							34.0
36.0							19.8	46.3	12 100	32.3	51.6	11 300	41.2	54.5	10 500	48.6	56.1	9 700				36.0
38.0										24.4	47.9	10 500	35.2	52.0	9 700	43.3	54.1	9 000				38.0
40.0													28.0	48.7	9 100	37.5	51.8	8 400	45.1	53.4	7 700	40.0
42.0													18.4	44.0	8 400	30.8	48.9	7 800	39.5	51.2	7 200	42.0
44.0																22.4	44.9	7 300	33.1	48.5	6 700	44.0
46.0																			25.4	44.9	6 300	46.0
48.0																			14.3	39.4	5 900	48.0



Liftcrane Luffing Jib Capacities

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

777 SERIES 2

33.5m (110 Ft.) Boom, 33.5m (110 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
10.7	76.0	69.1	30 700 *b																			10.7
12.0	73.7	68.7	29 900 *																			12.0
14.0	70.1	68.1	28 600 *																			14.0
16.0	66.4	67.3	27 100 *																			16.0
18.0	62.6	66.3	25 800 *	68.2	67.4	28 100 *																18.0
20.0	58.7	65.2	24 300 *	64.5	66.5	26 700																20.0
22.0	54.6	63.9	21 300 *	60.6	65.5	23 600	64.0	66.1	22 700													22.0
24.0	50.3	62.3	18 900 *	56.6	64.3	21 100	60.2	65.1	20 400													24.0
26.0	45.7	60.5	16 900 *	52.4	62.9	19 100	56.1	63.8	18 400	62.0	64.9	17 200										26.0
28.0	40.7	58.4	15 200 *	48.0	61.2	17 400	51.9	62.4	16 700	58.0	63.8	15 600										28.0
30.0	35.1	55.8	13 800 *	43.2	59.2	16 000	47.4	60.7	15 300	53.9	62.4	14 300										30.0
32.0	28.6	52.6	12 500 *	37.9	56.9	14 500	42.6	58.7	14 100	49.5	60.8	13 200	55.6	62.1	12 200							32.0
34.0	20.4	48.2	11 300 *	32.0	54.0	13 200 *	37.3	56.3	13 000	44.9	59.0	12 200	51.4	60.6	11 300							34.0
36.0				24.7	50.3	12 000 *	31.2	53.4	12 100	39.8	56.8	11 300	46.9	58.9	10 500							36.0
38.0				14.6	44.7	10 800 *	23.8	49.5	11 200	34.1	54.1	10 500	42.0	56.8	9 700	48.6	58.4	9 000				38.0
40.0										27.4	50.8	9 800	36.6	54.4	9 100	43.9	56.5	8 400				40.0
42.0										18.7	46.1	9 100	30.4	51.4	8 500	38.7	54.2	7 800	45.4	55.7	7 200	42.0
44.0													22.7	47.4	7 900	32.8	51.4	7 300	40.4	53.6	6 700	44.0
46.0																25.9	47.9	6 800	34.8	51.0	6 200	46.0
48.0																16.4	42.7	6 400	28.3	47.7	5 800	48.0
50.0																			19.9	43.2	5 500	50.0



Liftcrane Luffing Jib Capacities

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

777 SERIES 2

33.5m (110 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
12.2	74.8	71.8	27 400 *																			12.2
14.0	71.8	71.3	26 400 *																			14.0
16.0	68.5	70.6	25 100 *																			16.0
18.0	65.1	69.7	23 800 *																			18.0
20.0	61.5	68.7	22 500 *	66.7	69.9	24 600 *																20.0
22.0	57.9	67.5	21 100 *	63.3	69.0	23 200	66.3	69.5	22 600													22.0
24.0	54.1	66.2	18 900 *	59.7	67.9	21 000	62.9	68.6	20 200													24.0
26.0	50.2	64.6	16 800 *	56.0	66.6	19 000	59.3	67.4	18 200													26.0
28.0	46.0	62.8	15 100 *	52.1	65.2	17 300	55.6	66.2	16 600	60.9	67.3	15 500										28.0
30.0	41.4	60.7	13 700 *	48.1	63.5	15 800	51.7	64.7	15 200	57.3	66.1	14 100										30.0
32.0	36.4	58.3	12 500 *	43.7	61.5	14 400	47.6	63.0	14 000	53.5	64.7	13 000										32.0
34.0	30.8	55.3	11 400 *	38.9	59.3	13 100 *	43.2	61.0	12 900	49.5	63.1	12 000	55.1	64.4	11 100							34.0
36.0	24.0	51.4	10 400 *	33.6	56.5	11 900 *	38.4	58.7	11 900	45.2	61.3	11 100	51.2	62.9	10 300							36.0
38.0	14.4	45.6	9 200 *	27.5	53.2	10 900 *	33.0	55.9	11 100	40.6	59.1	10 300	47.0	61.2	9 600							38.0
40.0				19.6	48.6	9 900 *	26.7	52.4	10 400	35.5	56.6	9 600	42.6	59.2	8 900	48.6	60.7	8 200				40.0
42.0							18.5	47.6	9 700	29.7	53.5	9 000	37.7	56.8	8 300	44.3	58.8	7 600				42.0
44.0										22.6	49.4	8 400	32.3	53.9	7 800	39.6	56.6	7 100				44.0
46.0													25.8	50.3	7 300	34.4	53.9	6 600	41.2	55.9	6 100	46.0
48.0													17.3	45.3	6 800	28.4	50.6	6 200	36.2	53.4	5 700	48.0
50.0																20.9	46.3	5 800	30.4	50.4	5 300	50.0
52.0																			23.5	46.4	5 000	52.0
54.0																			13.7	40.5	4 700	54.0

Liftcrane Luffing Jib Capacities

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

777 SERIES 2

33.5m (110 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
12.2	76.0	75.0	22 300 *																			12.2
14.0	73.2	74.5	21 700 *																			14.0
16.0	70.2	73.8	21 300 *																			16.0
18.0	67.1	73.0	20 400 *																			18.0
20.0	63.9	72.1	19 300 *	68.6	73.2	20 900 *																20.0
22.0	60.6	71.1	18 300 *	65.5	72.3	19 900 *																22.0
24.0	57.3	69.9	17 300 *	62.3	71.3	19 000 *	65.1	71.9	19 700 *													24.0
26.0	53.8	68.5	16 400 *	58.9	70.2	18 000 *	61.9	70.9	18 100													26.0
28.0	50.1	66.9	15 200 *	55.5	68.9	17 000	58.5	69.8	16 500													28.0
30.0	46.2	65.1	13 700 *	51.9	67.5	15 700	55.1	68.5	15 100	60.1	69.7	14 000										30.0
32.0	42.0	63.1	12 500 *	48.1	65.8	14 500	51.5	67.0	13 900	56.7	68.4	12 900										32.0
34.0	37.5	60.7	11 400 *	44.1	63.9	13 100 *	47.7	65.3	12 800	53.1	67.0	11 900										34.0
36.0	32.5	57.8	10 400 *	39.8	61.6	12 000 *	43.6	63.3	11 900	49.4	65.4	11 000	54.7	66.7	10 200							36.0
38.0	26.6	54.3	9 500 *	35.0	59.0	10 900 *	39.3	61.1	11 000	45.5	63.6	10 200	51.0	65.2	9 400							38.0
40.0	19.2	49.6	8 700 *	29.6	55.9	10 000 *	34.4	58.4	10 300	41.3	61.5	9 500	47.2	63.5	8 800							40.0
42.0				23.1	51.8	9 200 *	28.9	55.2	9 600	36.7	59.0	8 900	43.1	61.5	8 200	48.7	63.0	7 500				42.0
44.0				14.0	45.9	8 400 *	22.2	51.0	9 000	31.6	56.1	8 300	38.7	59.2	7 700	44.7	61.1	7 000				44.0
46.0										25.5	52.4	7 800	33.8	56.5	7 200	40.4	58.9	6 600	46.0	60.3	5 900	46.0
48.0										17.6	47.3	7 300	28.2	53.1	6 700	35.7	56.4	6 100	41.8	58.2	5 600	48.0
50.0													21.3	48.8	6 300	30.4	53.3	5 800	37.3	55.8	5 200	50.0
52.0																24.1	49.4	5 400	32.2	52.9	4 900	52.0
54.0																15.6	43.9	5 000	26.3	49.4	4 600	54.0
56.0																			18.7	44.5	4 300	56.0



Liftcrane Luffing Jib Capacities

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

777 SERIES 2

33.5m (110 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
13.7	74.9	77.7	20 400 *																			13.7
14.0	74.5	77.7	20 300 *																			14.0
16.0	71.7	77.0	19 700 *																			16.0
18.0	68.8	76.3	18 700 *																			18.0
20.0	65.9	75.5	17 700 *	70.2	76.4	19 200 *																20.0
22.0	62.9	74.5	16 800 *	67.3	75.7	18 300 *																22.0
24.0	59.9	73.4	15 900 *	64.4	74.8	17 400 *																24.0
26.0	56.7	72.2	15 000 *	61.4	73.7	16 400 *	64.0	74.4	17 200 *													26.0
28.0	53.4	70.8	14 100 *	58.3	72.6	15 500 *	61.0	73.3	16 200 *													28.0
30.0	50.0	69.2	13 300 *	55.0	71.3	14 700 *	57.9	72.1	14 900 *													30.0
32.0	46.4	67.4	12 400 *	51.7	69.8	13 900 *	54.7	70.8	13 700 *	59.3	72.0	12 700 *										32.0
34.0	42.6	65.4	11 300 *	48.2	68.1	13 000 *	51.3	69.3	12 600 *	56.2	70.8	11 700 *										34.0
36.0	38.4	63.1	10 300 *	44.5	66.2	11 900 *	47.8	67.6	11 700 *	52.9	69.3	10 800 *										36.0
38.0	33.9	60.3	9 500 *	40.5	64.0	10 800 *	44.0	65.7	10 900 *	49.4	67.7	10 100 *	54.3	69.0	9 200 *							38.0
40.0	28.7	57.0	8 700 *	36.2	61.5	9 900 *	40.0	63.4	10 200 *	45.8	65.9	9 400 *	50.9	67.5	8 600 *							40.0
42.0	22.5	52.9	8 000 *	31.3	58.5	9 100 *	35.6	60.9	9 500 *	41.9	63.8	8 800 *	47.3	65.8	8 000 *							42.0
44.0	13.9	46.8	7 100 *	25.7	54.8	8 400 *	30.7	57.8	8 900 *	37.7	61.4	8 200 *	43.6	63.8	7 500 *	48.7	65.3	6 800 *				44.0
46.0				18.6	49.9	7 700 *	25.0	54.0	8 300 *	33.1	58.6	7 700 *	39.5	61.6	7 000 *	45.0	63.4	6 400 *				46.0
48.0							17.6	48.9	7 600 *	27.7	55.2	7 200 *	35.1	58.9	6 500 *	41.1	61.3	6 000 *	46.2	62.6	5 400 *	48.0
50.0										21.3	50.8	6 800 *	30.1	55.8	6 200 *	36.8	58.8	5 600 *	42.4	60.6	5 000 *	50.0
52.0													24.2	51.9	5 800 *	32.0	55.9	5 200 *	38.2	58.2	4 700 *	52.0
54.0													16.5	46.5	5 400 *	26.6	52.3	4 900 *	33.6	55.5	4 400 *	54.0
56.0																19.7	47.6	4 600 *	28.4	52.1	4 100 *	56.0
58.0																			22.1	47.9	3 800 *	58.0
60.0																			13.3	41.6	3 600 *	60.0

Liftcrane Luffing Jib Capacities

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

777 SERIES 2

33.5m (110 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
13.7	75.9	80.9	19 000 *																			13.7
14.0	75.5	80.8	18 900 *																			14.0
16.0	72.9	80.2	18 300 *																			16.0
18.0	70.3	79.6	17 300 *																			18.0
20.0	67.6	78.8	16 400 *																			20.0
22.0	64.9	77.9	15 400 *	68.9	78.9	16 800 *																22.0
24.0	62.1	76.9	14 600 *	66.2	78.1	16 000 *																24.0
26.0	59.2	75.8	13 700 *	63.4	77.2	15 100 *	65.9	77.7	15 800 *													26.0
28.0	56.2	74.5	12 900 *	60.6	76.1	14 300 *	63.1	76.8	15 000 *													28.0
30.0	53.1	73.1	12 200 *	57.7	74.9	13 400 *	60.3	75.7	14 100 *													30.0
32.0	49.9	71.5	11 400 *	54.7	73.6	12 700 *	57.3	74.5	13 400 *	61.6	75.5	12 700										32.0
34.0	46.6	69.7	10 800 *	51.5	72.1	11 900 *	54.3	73.1	12 600	58.7	74.4	11 700										34.0
36.0	43.0	67.7	10 100 *	48.2	70.4	11 200 *	51.2	71.6	11 700	55.7	73.1	10 800										36.0
38.0	39.2	65.4	9 500 *	44.8	68.5	10 600 *	47.9	69.9	10 800	52.6	71.7	10 000										38.0
40.0	35.1	62.8	8 700 *	41.1	66.3	9 900 *	44.4	68.0	10 100	49.4	70.0	9 300	53.9	71.4	8 500							40.0
42.0	30.4	59.7	8 000 *	37.1	63.9	9 100 *	40.7	65.8	9 400	46.0	68.2	8 700	50.8	69.8	8 000							42.0
44.0	25.0	55.9	7 400 *	32.8	61.0	8 400 *	36.7	63.3	8 900	42.4	66.2	8 100	47.4	68.1	7 400							44.0
46.0	18.2	50.8	6 700 *	27.8	57.6	7 700 *	32.2	60.4	8 300	38.5	63.8	7 600	43.9	66.1	7 000	48.7	67.6	6 300				46.0
48.0				21.8	53.3	7 100 *	27.2	56.9	7 700 *	34.3	61.1	7 200	40.2	63.9	6 500	45.3	65.7	5 900				48.0
50.0				13.5	47.0	6 500 *	21.0	52.4	7 100 *	29.6	57.9	6 700	36.1	61.4	6 100	41.6	63.6	5 500				50.0
52.0										24.0	53.9	6 300	31.6	58.4	5 800	37.7	61.2	5 200	42.8	62.9	4 600	52.0
54.0										16.8	48.6	6 000	26.5	54.8	5 400	33.4	58.4	4 900	39.0	60.6	4 300	54.0
56.0													20.2	50.2	5 100	28.5	55.1	4 600	34.8	57.9	4 100	56.0
58.0																22.7	50.9	4 300	30.2	54.8	3 800	58.0
60.0																15.0	45.0	4 000	24.7	50.9	3 600	60.0
62.0																			17.8	45.8	3 300	62.0
64.0																			5.2	36.0	3 100	64.0



Liftcrane Luffing Jib Capacities

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

777 SERIES 2

33.5m (110 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
15.2	74.9	83.6	17 100 *																			15.2
16.0	74.0	83.4	16 800 *																			16.0
18.0	71.6	82.8	15 900 *																			18.0
20.0	69.1	82.1	15 000 *																			20.0
22.0	66.5	81.3	14 100 *																			22.0
24.0	63.9	80.4	13 200 *	67.8	81.4	14 500 *																24.0
26.0	61.3	79.3	12 400 *	65.2	80.6	13 700 *	67.5	81.1	14 300 *													26.0
28.0	58.6	78.2	11 600 *	62.6	79.6	12 900 *	64.9	80.2	13 500 *													28.0
30.0	55.8	76.9	10 900 *	59.9	78.5	12 100 *	62.3	79.2	12 800 *													30.0
32.0	52.9	75.4	10 200 *	57.2	77.3	11 300 *	59.6	78.1	12 000 *													32.0
34.0	49.9	73.8	9 500 *	54.3	75.9	10 600 *	56.8	76.8	11 300 *	60.8	77.9	11 500										34.0
36.0	46.7	72.1	8 900 *	51.4	74.4	9 900 *	54.0	75.4	10 500 *	58.1	76.7	10 600										36.0
38.0	43.4	70.1	8 300 *	48.3	72.7	9 300 *	51.0	73.9	9 900 *	55.3	75.4	9 900										38.0
40.0	39.9	67.8	7 800 *	45.1	70.8	8 700 *	47.9	72.2	9 200 *	52.4	74.0	9 200	56.5	75.1	8 400							40.0
42.0	36.1	65.2	7 300 *	41.6	68.7	8 100 *	44.7	70.3	8 600 *	49.4	72.3	8 500	53.6	73.7	7 800							42.0
44.0	31.8	62.3	6 800 *	38.0	66.3	7 600 *	41.2	68.1	8 100 *	46.2	70.5	8 000	50.7	72.1	7 300							44.0
46.0	27.1	58.7	6 400 *	34.0	63.5	7 100 *	37.5	65.7	7 500 *	42.8	68.5	7 500	47.5	70.4	6 800	51.8	71.5	6 200				46.0
48.0	21.3	54.3	6 000 *	29.5	60.3	6 600 *	33.5	62.9	7 000 *	39.3	66.2	7 000	44.3	68.4	6 400	48.7	69.9	5 700				48.0
50.0	13.5	47.9	5 500 *	24.3	56.3	6 200 *	28.9	59.6	6 600 *	35.4	63.6	6 600	40.8	66.3	6 000	45.5	68.0	5 400				50.0
52.0				17.7	51.1	5 900 *	23.6	55.6	6 200 *	31.1	60.5	6 200	37.1	63.8	5 600	42.1	65.9	5 000	46.6	67.2	4 500	52.0
54.0							16.8	50.1	5 800 *	26.2	56.8	5 800	33.0	60.9	5 200	38.5	63.6	4 700	43.2	65.2	4 200	54.0
56.0										20.2	52.2	5 500	28.3	57.6	5 000	34.5	60.9	4 400	39.7	63.0	3 900	56.0
58.0													22.9	53.4	4 700	30.1	57.7	4 200	35.8	60.4	3 700	58.0
60.0													15.8	47.7	4 400	25.1	53.9	3 900	31.6	57.4	3 400	60.0
62.0																18.8	48.9	3 600	26.8	53.8	3 200	62.0
64.0																9.0	40.8	3 400	21.0	49.3	3 000	64.0
66.0																			12.9	42.7	2 800	66.0

Liftcrane Luffing Jib Capacities

777 SERIES 2

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

33.5m (110 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
15.2	75.9	86.8	15 300 *																			15.2
16.0	75.0	86.6	15 200 *																			16.0
18.0	72.7	86.0	14 600 *																			18.0
20.0	70.3	85.3	13 800 *																			20.0
22.0	68.0	84.6	12 900 *																			22.0
24.0	65.6	83.7	12 100 *	69.1	84.7	13 300 *																24.0
26.0	63.1	82.8	11 300 *	66.8	83.9	12 500 *																26.0
28.0	60.6	81.7	10 600 *	64.3	83.0	11 800 *	66.5	83.5	12 400 *													28.0
30.0	58.0	80.5	9 900 *	61.8	82.0	11 000 *	64.0	82.6	11 600 *													30.0
32.0	55.4	79.2	9 200 *	59.3	80.8	10 300 *	61.6	81.6	10 900 *													32.0
34.0	52.7	77.7	8 600 *	56.7	79.6	9 600 *	59.0	80.4	10 200 *													34.0
36.0	49.8	76.1	8 000 *	54.0	78.2	8 900 *	56.4	79.2	9 500 *	60.2	80.3	10 400 *										36.0
38.0	46.9	74.4	7 400 *	51.2	76.7	8 300 *	53.7	77.8	8 900 *	57.6	79.1	9 700 *										38.0
40.0	43.8	72.4	6 900 *	48.3	75.0	7 700 *	50.9	76.2	8 300 *	54.9	77.7	9 000 *										40.0
42.0	40.5	70.2	6 400 *	45.3	73.1	7 200 *	48.0	74.5	7 700 *	52.2	76.3	8 500 *	56.1	77.4	7 700 *							42.0
44.0	36.9	67.7	5 900 *	42.1	71.0	6 700 *	44.9	72.6	7 200 *	49.3	74.6	7 900 *	53.4	76.0	7 200 *							44.0
46.0	33.1	64.8	5 500 *	38.7	68.7	6 200 *	41.7	70.5	6 600 *	46.4	72.8	7 400 *	50.6	74.4	6 700 *							46.0
48.0	28.8	61.5	5 000 *	35.0	66.0	5 700 *	38.3	68.1	6 200 *	43.2	70.8	6 900 *	47.6	72.7	6 200 *	51.6	73.9	5 600 *				48.0
50.0	23.8	57.4	4 500 *	30.9	62.9	5 300 *	34.6	65.4	5 700 *	39.9	68.5	6 400 *	44.6	70.8	5 800 *	48.7	72.2	5 300 *				50.0
52.0	17.5	52.1	4 000 *	26.3	59.2	4 800 *	30.4	62.2	5 300 *	36.3	66.0	5 900 *	41.3	68.6	5 500 *	45.7	70.3	4 900 *				52.0
54.0				20.8	54.7	4 300 *	25.7	58.5	4 700 *	32.4	63.1	5 500 *	37.8	66.2	5 100 *	42.6	68.3	4 600 *	46.7	69.5	4 100 *	54.0
56.0				13.2	48.1	3 800 *	20.0	53.8	4 300 *	28.0	59.6	5 000 *	34.1	63.4	4 800 *	39.2	66.0	4 300 *	43.6	67.6	3 800 *	56.0
58.0										22.8	55.4	4 500 *	29.9	60.2	4 500 *	35.5	63.3	4 000 *	40.3	65.3	3 500 *	58.0
60.0										16.2	49.8	4 000 *	25.1	56.4	4 300 *	31.5	60.3	3 800 *	36.7	62.8	3 300 *	60.0
62.0													19.2	51.5	4 000 *	27.0	56.8	3 500 *	32.8	59.9	3 100 *	62.0
64.0													10.7	44.0	3 800 *	21.6	52.3	3 300 *	28.5	56.6	2 900 *	64.0
66.0																14.5	46.2	3 100 *	23.5	52.5	2 700 *	66.0
68.0																			17.1	47.0	2 500 *	68.0
70.0																			6.0	37.3	2 300 *	70.0



Liftcrane Luffing Jib Capacities

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

777 SERIES 2

36.6m (120 Ft.) Boom, 21.3m (70 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
10.7	68.0	59.4	44 100 *b																			10.7
12.0	64.1	58.8	42 000 *b																			12.0
14.0	58.0	57.7	38 300 *	67.8	59.1	39 200 *b																14.0
16.0	51.4	56.3	33 200 *	61.8	58.1	35 100 *b																16.0
18.0	44.1	54.4	28 000 *	55.5	56.9	30 400 *	61.6	57.8	29 500 b													18.0
20.0	35.7	52.0	24 200 *	48.7	55.3	26 900	55.3	56.5	25 800													20.0
22.0	25.1	48.6	20 900 *	41.1	53.3	23 800	48.5	55.0	22 900	59.0	56.6	21 500 b										22.0
24.0				32.1	50.6	21 400	40.8	52.9	20 600	52.5	55.2	19 200										24.0
26.0							31.7	50.2	18 600	45.4	53.5	17 400	56.2	55.0	16 200							26.0
28.0							19.2	46.0	17 000	37.3	51.2	15 900	49.4	53.5	14 800							28.0
30.0										27.2	48.0	14 500	41.9	51.5	13 500							30.0
32.0										10.5	42.2	13 300	33.1	48.9	12 400	45.8	51.3	11 500				32.0
34.0													21.3	45.0	11 500	37.7	49.0	10 600				34.0
36.0																27.7	45.9	9 800	41.4	48.6	9 100	36.0
38.0																11.8	40.4	9 100	32.4	45.9	8 400	38.0
40.0																			20.3	41.9	7 800	40.0

Liftcrane Luffing Jib Capacities

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

777 SERIES 2

36.6m (120 Ft.) Boom, 24.4m (80 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
10.7	70.9	62.6	39 000 *b																			10.7
12.0	67.5	62.1	37 900 *b																			12.0
14.0	62.3	61.2	36 200 *																			14.0
16.0	56.9	60.0	33 400 *	65.6	61.5	34 200 *b																16.0
18.0	51.1	58.6	28 300 *	60.3	60.5	30 400 *																18.0
20.0	44.7	56.8	24 400 *	54.7	59.2	26 700	60.1	60.1	25 600													20.0
22.0	37.6	54.5	21 400 *	48.8	57.6	23 700	54.5	58.9	22 800													22.0
24.0	29.0	51.4	18 900 *	42.2	55.7	21 300	48.5	57.3	20 400	57.9	58.9	19 100										24.0
26.0				34.6	53.1	19 200	41.9	55.3	18 500	52.1	57.5	17 200										26.0
28.0				25.1	49.7	17 500	34.3	52.7	16 800	45.9	55.8	15 700	55.3	57.3	14 500							28.0
30.0							24.7	49.2	15 400	38.9	53.6	14 300	49.4	55.8	13 300							30.0
32.0							8.0	42.4	14 100	30.7	50.7	13 200	42.8	53.8	12 200	52.4	55.3	11 300				32.0
34.0										19.6	46.4	12 200	35.4	51.4	11 300	46.2	53.6	10 400				34.0
36.0													26.2	48.0	10 500	39.3	51.4	9 700				36.0
38.0													11.7	42.2	9 700	31.1	48.6	9 000	42.4	50.9	8 200	38.0
40.0																20.2	44.4	8 400	34.9	48.4	7 600	40.0
42.0																			25.5	45.0	7 100	42.0
44.0																			10.1	38.7	6 600	44.0



Liftcrane Luffing Jib Capacities

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

777 SERIES 2

36.6m (120 Ft.) Boom, 27.4m (90 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
10.7	73.1	65.8	35 900 *b																			10.7
12.0	70.1	65.4	34 900 *b																			12.0
14.0	65.6	64.6	33 100 *																			14.0
16.0	61.0	63.6	31 400 *	68.4	64.8	33 500 *b																16.0
18.0	56.0	62.3	28 400 *	63.9	63.9	30 300 *																18.0
20.0	50.8	60.9	24 500 *	59.1	62.9	26 600	63.7	63.6	25 500													20.0
22.0	45.2	59.1	21 500 *	54.1	61.5	23 600	59.0	62.5	22 600													22.0
24.0	39.0	56.9	19 000 *	48.8	59.9	21 200	53.9	61.2	20 300													24.0
26.0	31.8	54.0	17 000 *	43.0	58.0	19 100	48.6	59.6	18 400	56.9	61.3	17 100										26.0
28.0	22.6	50.1	15 100 *	36.4	55.6	17 500	42.7	57.6	16 700	51.8	59.8	15 600										28.0
30.0				28.6	52.5	16 000	36.2	55.2	15 300	46.2	58.1	14 300	54.6	59.6	13 200							30.0
32.0				18.1	47.8	14 600	28.3	52.0	14 100	40.1	55.9	13 100	49.3	58.1	12 200							32.0
34.0							17.6	47.3	13 000	33.1	53.3	12 100	43.6	56.2	11 200							34.0
36.0										24.4	49.6	11 300	37.1	53.8	10 400	46.5	55.9	9 500				36.0
38.0										10.5	43.3	10 400	29.5	50.8	9 600	40.4	53.8	8 900				38.0
40.0													19.4	46.4	9 000	33.5	51.1	8 200	43.2	53.2	7 500	40.0
42.0																24.9	47.5	7 700	36.7	50.8	7 000	42.0
44.0																11.5	41.5	7 200	28.9	47.7	6 600	44.0
46.0																			18.5	43.2	6 100	46.0

Liftcrane Luffing Jib Capacities

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

777 SERIES 2

36.6m (120 Ft.) Boom, 30.5m (100 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
10.7	74.8	69.0	33 000 *b																			10.7
12.0	72.2	68.6	32 100 *b																			12.0
14.0	68.2	67.9	30 700 *																			14.0
16.0	64.1	67.0	29 200 *																			16.0
18.0	59.8	65.9	27 600 *	66.7	67.3	29 700 *																18.0
20.0	55.4	64.7	24 500 *	62.5	66.3	26 400	66.5	67.0	25 400													20.0
22.0	50.7	63.2	21 400 *	58.2	65.2	23 500	62.3	66.0	22 500													22.0
24.0	45.6	61.4	19 000 *	53.6	63.8	21 000	58.0	64.9	20 200													24.0
26.0	40.1	59.2	17 000 *	48.8	62.2	19 000	53.5	63.5	18 200	60.6	64.8	16 900										26.0
28.0	33.8	56.6	15 200 *	43.6	60.3	17 300	48.6	61.9	16 600	56.2	63.6	15 400										28.0
30.0	26.3	53.1	13 700 *	37.8	58.0	15 900	43.4	59.9	15 200	51.5	62.1	14 100										30.0
32.0	15.9	47.9	12 000 *	31.2	55.1	14 600	37.6	57.6	14 000	46.5	60.4	13 000	54.1	62.0	11 900							32.0
34.0				22.9	51.2	13 300 *	30.9	54.7	12 900	41.1	58.3	12 000	49.3	60.4	11 000							34.0
36.0							22.6	50.7	12 000	35.0	55.7	11 100	44.1	58.5	10 200							36.0
38.0							8.5	43.5	11 100	27.7	52.5	10 300	38.4	56.2	9 500	46.8	58.2	8 700				38.0
40.0										18.1	47.7	9 600	31.9	53.4	8 800	41.3	56.1	8 100				40.0
42.0													23.8	49.6	8 200	35.3	53.6	7 500	43.8	55.6	6 800	42.0
44.0													11.4	43.3	7 700	28.1	50.4	7 000	38.0	53.2	6 300	44.0
46.0																18.6	45.7	6 600	31.4	50.4	5 900	46.0
48.0																			23.2	46.5	5 600	48.0
50.0																			10.1	39.8	5 200	50.0



Liftcrane Luffing Jib Capacities

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

777 SERIES 2

36.6m (120 Ft.) Boom, 33.5m (110 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
12.2	73.5	71.7	29 500 *																			12.2
14.0	70.3	71.1	28 400 *																			14.0
16.0	66.6	70.4	27 000 *																			16.0
18.0	62.8	69.4	25 700 *																			18.0
20.0	58.9	68.3	24 300 *	65.2	69.7	26 400																20.0
22.0	54.8	67.0	21 500 *	61.3	68.7	23 400	65.0	69.4	22 500													22.0
24.0	50.5	65.5	19 000 *	57.4	67.5	21 000	61.2	68.4	20 100													24.0
26.0	45.9	63.7	17 000 *	53.2	66.2	19 000	57.2	67.2	18 200													26.0
28.0	41.0	61.6	15 300 *	48.8	64.5	17 300	53.1	65.8	16 600	59.6	67.2	15 400										28.0
30.0	35.4	59.0	13 900 *	44.1	62.6	15 800	48.7	64.2	15 200	55.5	65.9	14 100										30.0
32.0	29.0	55.9	12 600 *	38.9	60.4	14 600	43.9	62.3	14 000	51.3	64.4	12 900	57.8	65.6	11 900							32.0
34.0	20.9	51.6	11 400 *	33.1	57.6	13 400 *	38.8	60.0	12 900	46.7	62.7	11 900	53.6	64.3	11 000							34.0
36.0				26.2	54.1	12 200 *	32.9	57.2	12 000	41.8	60.6	11 100	49.3	62.7	10 200							36.0
38.0				16.9	49.1	11 100 *	26.0	53.7	11 200	36.4	58.2	10 300	44.6	60.8	9 500							38.0
40.0							16.5	48.5	10 400	30.2	55.1	9 600	39.5	58.6	8 800	47.0	60.5	8 000				40.0
42.0										22.5	51.1	9 000	33.7	55.9	8 200	42.1	58.5	7 500				42.0
44.0										10.4	44.3	8 400	27.0	52.5	7 700	36.7	56.0	7 000	44.3	57.9	6 300	44.0
46.0													18.0	47.7	7 200	30.5	53.0	6 600	39.1	55.6	5 900	46.0
48.0																22.9	49.0	6 100	33.3	52.9	5 500	48.0
50.0																11.3	42.5	5 800	26.5	49.4	5 200	50.0
52.0																			17.3	44.5	4 900	52.0

Liftcrane Luffing Jib Capacities

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

777 SERIES 2

36.6m (120 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
12.2	74.9	74.9	23 400 *																			12.2
14.0	72.0	74.4	22 900 *																			14.0
16.0	68.6	73.7	22 300 *																			16.0
18.0	65.2	72.8	21 800 *																			18.0
20.0	61.7	71.8	20 900 *	67.4	73.1	22 400 *																20.0
22.0	58.1	70.6	19 800 *	63.9	72.2	21 800 *																22.0
24.0	54.3	69.3	18 700 *	60.4	71.1	20 700	63.8	71.8	20 000													24.0
26.0	50.4	67.8	17 100 *	56.7	69.9	18 800	60.3	70.8	18 100													26.0
28.0	46.2	66.0	15 400 *	52.9	68.5	17 100	56.6	69.5	16 400													28.0
30.0	41.7	63.9	13 900 *	48.8	66.8	15 700	52.7	68.1	15 000	58.7	69.5	13 900										30.0
32.0	36.7	61.5	12 600 *	44.5	65.0	14 500	48.7	66.5	13 800	55.0	68.2	12 700										32.0
34.0	31.1	58.5	11 500 *	39.9	62.7	13 300	44.4	64.6	12 800	51.1	66.7	11 700	57.1	68.0	10 800							34.0
36.0	24.4	54.7	10 500 *	34.7	60.1	12 300 *	39.7	62.4	11 800	46.9	65.0	10 900	53.3	66.6	10 000							36.0
38.0	15.1	49.1	9 300 *	28.7	56.9	11 200 *	34.5	59.7	11 000	42.5	63.0	10 100	49.2	65.0	9 300							38.0
40.0				21.3	52.6	10 200 *	28.5	56.4	10 300	37.6	60.6	9 400	45.0	63.1	8 600	51.3	64.5	7 800				40.0
42.0							21.0	52.1	9 600	32.1	57.7	8 800	40.3	60.9	8 100	47.1	62.8	7 300				42.0
44.0							8.8	44.6	8 900	25.6	54.1	8 300	35.2	58.4	7 500	42.7	60.8	6 800				44.0
46.0										17.0	49.0	7 700	29.4	55.2	7 100	37.8	58.4	6 400	44.7	60.2	5 700	46.0
48.0													22.1	51.1	6 600	32.4	55.6	6 000	40.0	58.0	5 300	48.0
50.0													11.2	44.4	6 200	26.0	52.0	5 600	34.9	55.4	5 000	50.0
52.0																17.5	47.0	5 300	28.9	52.2	4 700	52.0
54.0																			21.6	47.9	4 400	54.0
56.0																			10.1	40.9	4 100	56.0



Liftcrane Luffing Jib Capacities

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

777 SERIES 2

36.6m (120 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
13.7	73.8	77.6	21 500 *																			13.7
14.0	73.4	77.6	21 500 *																			14.0
16.0	70.4	76.9	20 900 *																			16.0
18.0	67.3	76.1	20 300 *																			18.0
20.0	64.1	75.2	19 300 *	69.2	76.3	20 900 *																20.0
22.0	60.8	74.2	18 300 *	66.1	75.5	20 100 *																22.0
24.0	57.4	73.0	17 300 *	62.9	74.6	19 100 *	66.0	75.2	19 700													24.0
26.0	53.9	71.6	16 500 *	59.6	73.5	18 100	62.7	74.2	17 900													26.0
28.0	50.3	70.1	15 400 *	56.1	72.2	17 100	59.4	73.1	16 300													28.0
30.0	46.4	68.3	13 800 *	52.6	70.8	15 600	56.0	71.9	14 900													30.0
32.0	42.3	66.2	12 600 *	48.8	69.1	14 300	52.5	70.4	13 700	58.0	71.9	12 700										32.0
34.0	37.8	63.9	11 400 *	44.9	67.3	13 300	48.7	68.8	12 600	54.6	70.6	11 700										34.0
36.0	32.8	61.0	10 500 *	40.6	65.1	12 200	44.7	66.9	11 700	50.9	69.0	10 800										36.0
38.0	27.0	57.5	9 600 *	35.9	62.6	11 100 *	40.5	64.7	10 900	47.1	67.3	10 000	52.9	68.9	9 100							38.0
40.0	19.6	52.9	8 700 *	30.7	59.5	10 200 *	35.8	62.2	10 200	43.0	65.3	9 400	49.2	67.3	8 500							40.0
42.0				24.4	55.7	9 300 *	30.5	59.1	9 500	38.6	63.0	8 700	45.3	65.4	7 900	51.1	66.8	7 200				42.0
44.0				16.1	50.3	8 600 *	24.2	55.2	8 900	33.7	60.2	8 200	41.1	63.3	7 400	47.3	65.1	6 700				44.0
46.0							15.7	49.7	8 300	28.0	56.9	7 600	36.4	60.8	7 000	43.2	63.1	6 200				46.0
48.0										21.1	52.5	7 200	31.2	57.8	6 500	38.8	60.8	5 900	45.0	62.5	5 200	48.0
50.0										10.4	45.4	6 700	25.1	54.1	6 100	33.9	58.1	5 500	40.8	60.3	4 900	50.0
52.0													17.1	48.9	5 700	28.3	54.8	5 100	36.1	57.8	4 600	52.0
54.0																21.4	50.5	4 800	30.9	54.8	4 300	54.0
56.0																11.1	43.6	4 500	24.7	51.0	4 000	56.0
58.0																			16.4	45.7	3 700	58.0

Liftcrane Luffing Jib Capacities

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

777 SERIES 2

36.6m (120 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
13.7	75.0	80.8	20 100 *																			13.7
14.0	74.6	80.7	20 000 *																			14.0
16.0	71.8	80.1	19 500 *																			16.0
18.0	69.0	79.4	18 700 *																			18.0
20.0	66.1	78.6	17 700 *	70.7	79.6	19 300 *																20.0
22.0	63.1	77.6	16 800 *	67.9	78.8	18 400 *																22.0
24.0	60.0	76.6	15 900 *	64.9	78.0	17 500 *																24.0
26.0	56.9	75.3	15 000 *	61.9	77.0	16 600 *	64.8	77.6	17 400													26.0
28.0	53.6	73.9	14 200 *	58.8	75.8	15 700 *	61.8	76.6	16 200													28.0
30.0	50.2	72.4	13 400 *	55.7	74.5	14 900 *	58.7	75.5	14 800													30.0
32.0	46.6	70.6	12 500 *	52.3	73.1	14 100 *	55.5	74.2	13 600	60.6	75.4	12 500										32.0
34.0	42.8	68.6	11 400 *	48.9	71.4	13 100	52.2	72.7	12 500	57.4	74.2	11 500										34.0
36.0	38.7	66.2	10 400 *	45.2	69.6	12 100	48.7	71.1	11 600	54.2	72.9	10 600										36.0
38.0	34.1	63.5	9 500 *	41.3	67.4	11 000 *	45.0	69.2	10 700	50.8	71.3	9 900										38.0
40.0	29.0	60.3	8 700 *	37.0	65.0	10 100 *	41.1	67.1	10 000	47.2	69.6	9 200	52.7	71.2	8 300							40.0
42.0	22.9	56.2	8 000 *	32.3	62.1	9 300 *	36.8	64.6	9 400	43.5	67.6	8 600	49.2	69.6	7 800							42.0
44.0	14.5	50.2	7 100 *	26.8	58.6	8 500 *	32.1	61.7	8 800	39.4	65.4	8 000	45.6	67.7	7 200							44.0
46.0				20.1	54.0	7 800 *	26.6	58.1	8 200	35.0	62.7	7 500	41.7	65.6	6 800	47.4	67.4	6 100				46.0
48.0							19.8	53.5	7 700	29.9	59.6	7 000	37.4	63.2	6 400	43.6	65.4	5 700				48.0
50.0							9.0	45.7	7 000	24.0	55.6	6 600	32.8	60.4	6 000	39.6	63.2	5 300	45.3	64.8	4 700	50.0
52.0										16.2	50.2	6 200	27.4	56.9	5 600	35.2	60.6	5 000	41.4	62.7	4 400	52.0
54.0													20.8	52.5	5 200	30.2	57.5	4 700	37.2	60.2	4 100	54.0
56.0													11.1	45.5	4 900	24.3	53.6	4 400	32.5	57.4	3 800	56.0
58.0																16.7	48.2	4 100	27.0	53.9	3 600	58.0
60.0																			20.4	49.3	3 300	60.0
62.0																			10.1	42.0	3 100	62.0



Liftcrane Luffing Jib Capacities

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

777 SERIES 2

36.6m (120 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
13.7	76.0	84.0	18 700 *																			13.7
14.0	75.7	83.9	18 700 *																			14.0
16.0	73.1	83.3	18 200 *																			16.0
18.0	70.4	82.7	17 300 *																			18.0
20.0	67.7	81.9	16 300 *																			20.0
22.0	65.0	81.0	15 400 *	69.4	82.1	16 900 *																22.0
24.0	62.2	80.0	14 600 *	66.7	81.3	16 100 *																24.0
26.0	59.3	78.9	13 700 *	64.0	80.4	15 200 *	66.6	81.0	15 900 *													26.0
28.0	56.4	77.7	13 000 *	61.1	79.3	14 400 *	63.9	80.0	15 200 *													28.0
30.0	53.3	76.2	12 200 *	58.2	78.2	13 600 *	61.0	79.0	14 400 *													30.0
32.0	50.1	74.7	11 500 *	55.2	76.9	12 800 *	58.1	77.8	13 500	62.7	78.9	12 400										32.0
34.0	46.8	72.9	10 800 *	52.1	75.4	12 100 *	55.1	76.5	12 500	59.8	77.8	11 400										34.0
36.0	43.2	70.9	10 200 *	48.9	73.7	11 400 *	52.0	75.0	11 500	56.9	76.6	10 600										36.0
38.0	39.4	68.6	9 500 *	45.4	71.9	10 700 *	48.7	73.4	10 700	53.8	75.2	9 800										38.0
40.0	35.3	66.0	8 700 *	41.8	69.8	10 100 *	45.3	71.5	10 000	50.7	73.6	9 100	55.5	75.0	8 300							40.0
42.0	30.7	62.9	8 100 *	37.9	67.4	9 300 *	41.7	69.4	9 300	47.4	71.9	8 500	52.4	73.5	7 700							42.0
44.0	25.3	59.2	7 400 *	33.6	64.6	8 500 *	37.8	67.0	8 700	43.8	69.9	7 900	49.2	71.9	7 200							44.0
46.0	18.6	54.2	6 800 *	28.8	61.3	7 800 *	33.4	64.2	8 200	40.1	67.7	7 500	45.8	70.0	6 700	50.8	71.4	6 000				46.0
48.0				23.0	57.2	7 200 *	28.6	60.9	7 700	36.0	65.2	7 000	42.2	68.0	6 300	47.5	69.7	5 600				48.0
50.0				15.4	51.5	6 600 *	22.8	56.7	7 200	31.5	62.2	6 600	38.3	65.6	5 900	44.0	67.8	5 300				50.0
52.0							15.1	50.9	6 600 *	26.3	58.6	6 200	34.1	62.9	5 500	40.3	65.6	5 000	45.6	67.1	4 300	52.0
54.0										20.0	53.9	5 800	29.3	59.6	5 200	36.2	63.0	4 600	41.9	65.0	4 100	54.0
56.0										10.4	46.5	5 500	23.7	55.6	4 900	31.7	60.0	4 300	38.0	62.6	3 800	56.0
58.0													16.3	50.1	4 600	26.6	56.5	4 100	33.8	59.9	3 600	58.0
60.0																20.3	51.9	3 800	28.9	56.6	3 300	60.0
62.0																11.0	44.7	3 600	23.2	52.5	3 100	62.0
64.0																			15.7	46.9	2 900	64.0

Liftcrane Luffing Jib Capacities

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

777 SERIES 2

36.6m (120 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
15.2	75.1	86.7	17 100 *																			15.2
16.0	74.1	86.5	16 700 *																			16.0
18.0	71.7	85.9	15 800 *																			18.0
20.0	69.2	85.2	14 900 *																			20.0
22.0	66.7	84.4	14 100 *																			22.0
24.0	64.1	83.5	13 200 *	68.2	84.6	14 600 *																24.0
26.0	61.4	82.4	12 400 *	65.7	83.8	13 800 *																26.0
28.0	58.7	81.3	11 700 *	63.1	82.8	13 000 *	65.6	83.4	13 700 *													28.0
30.0	55.9	80.0	10 900 *	60.4	81.7	12 200 *	63.0	82.5	13 000 *													30.0
32.0	53.0	78.6	10 200 *	57.7	80.5	11 500 *	60.3	81.4	12 200 *													32.0
34.0	50.0	77.0	9 600 *	54.8	79.2	10 800 *	57.6	80.2	11 500 *	61.9	81.3	11 300										34.0
36.0	46.9	75.2	9 000 *	51.9	77.7	10 100 *	54.7	78.8	10 800 *	59.2	80.2	10 400										36.0
38.0	43.6	73.2	8 400 *	48.9	76.0	9 400 *	51.8	77.3	10 100 *	56.4	78.9	9 700										38.0
40.0	40.1	71.0	7 800 *	45.7	74.2	8 800 *	48.8	75.7	9 500 *	53.5	77.5	9 000										40.0
42.0	36.3	68.4	7 300 *	42.3	72.1	8 200 *	45.6	73.8	8 900 *	50.6	75.9	8 400	55.1	77.3	7 600							42.0
44.0	32.1	65.5	6 800 *	38.7	69.8	7 700 *	42.2	71.7	8 300 *	47.5	74.2	7 800	52.2	75.8	7 000							44.0
46.0	27.3	62.0	6 400 *	34.7	67.1	7 200 *	38.5	69.4	7 700 *	44.2	72.3	7 300	49.2	74.2	6 600							46.0
48.0	21.7	57.6	6 000 *	30.4	64.0	6 700 *	34.6	66.7	7 200 *	40.7	70.1	6 800	46.0	72.3	6 100	50.7	73.7	5 500				48.0
50.0	14.0	51.4	5 500 *	25.3	60.2	6 300 *	30.2	63.5	6 800 *	36.9	67.6	6 400	42.6	70.3	5 800	47.6	72.0	5 100				50.0
52.0				19.1	55.3	5 900 *	25.1	59.7	6 300 *	32.8	64.7	6 000	39.0	68.0	5 400	44.3	70.1	4 800				52.0
54.0							18.9	54.8	6 000 *	28.2	61.3	5 700	35.1	65.3	5 100	40.9	67.9	4 500	45.8	69.4	3 900	54.0
56.0							9.1	46.8	5 400 *	22.7	57.1	5 300	30.8	62.3	4 800	37.1	65.4	4 200	42.4	67.4	3 600	56.0
58.0										15.6	51.4	5 000	25.9	58.5	4 500	33.0	62.6	3 900	38.8	65.0	3 400	58.0
60.0													19.8	53.8	4 200	28.4	59.2	3 600	34.9	62.4	3 100	60.0
62.0													11.0	46.5	3 900	23.0	55.1	3 400	30.5	59.2	2 900	62.0
64.0																16.0	49.4	3 200	25.5	55.5	2 700	64.0
66.0																			19.4	50.6	2 500	66.0
68.0																			10.1	43.0	2 300	68.0



Liftcrane Luffing Jib Capacities

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

777 SERIES 2

36.6m (120 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
15.2	76.0	89.9	15 000 *																			15.2
16.0	75.1	89.7	15 000 *																			16.0
18.0	72.8	89.1	14 500 *																			18.0
20.0	70.5	88.4	13 800 *																			20.0
22.0	68.1	87.7	12 900 *																			22.0
24.0	65.7	86.8	12 100 *	69.6	87.9	13 400 *																24.0
26.0	63.3	85.9	11 300 *	67.2	87.1	12 700 *																26.0
28.0	60.7	84.8	10 600 *	64.8	86.2	11 900 *	67.1	86.7	12 500 *													28.0
30.0	58.2	83.6	9 900 *	62.3	85.2	11 200 *	64.7	85.8	11 800 *													30.0
32.0	55.5	82.3	9 200 *	59.8	84.1	10 400 *	62.2	84.8	11 100 *													32.0
34.0	52.8	80.9	8 600 *	57.2	82.9	9 800 *	59.7	83.7	10 400 *													34.0
36.0	50.0	79.3	8 000 *	54.5	81.5	9 100 *	57.1	82.5	9 800 *	61.2	83.7	10 300										36.0
38.0	47.0	77.5	7 500 *	51.8	80.0	8 500 *	54.4	81.1	9 100 *	58.6	82.5	9 500										38.0
40.0	43.9	75.5	6 900 *	48.9	78.3	7 900 *	51.7	79.6	8 500 *	56.0	81.2	8 900										40.0
42.0	40.6	73.3	6 400 *	45.9	76.5	7 300 *	48.8	78.0	7 900 *	53.3	79.8	8 200										42.0
44.0	37.1	70.9	6 000 *	42.7	74.4	6 800 *	45.8	76.1	7 300 *	50.5	78.2	7 700	54.8	79.6	6 900							44.0
46.0	33.3	68.0	5 500 *	39.3	72.2	6 300 *	42.6	74.1	6 800 *	47.5	76.5	7 200	52.0	78.1	6 500							46.0
48.0	29.0	64.7	5 100 *	35.7	69.5	5 800 *	39.2	71.8	6 300 *	44.5	74.6	6 700	49.2	76.5	6 000							48.0
50.0	24.0	60.7	4 600 *	31.7	66.5	5 400 *	35.6	69.1	5 900 *	41.2	72.4	6 300	46.2	74.7	5 600	50.6	76.0	5 000				50.0
52.0	17.9	55.5	4 100 *	27.2	63.0	4 900 *	31.6	66.1	5 400 *	37.7	70.0	5 900	43.0	72.6	5 300	47.7	74.3	4 600				52.0
54.0				21.9	58.6	4 400 *	27.1	62.6	4 900 *	34.0	67.2	5 600	39.7	70.4	4 900	44.6	72.4	4 300				54.0
56.0				14.9	52.6	4 000 *	21.7	58.2	4 400 *	29.8	64.0	5 200	36.1	67.8	4 600	41.4	70.2	4 000	46.0	71.7	3 500	56.0
58.0							14.6	52.0	4 000 *	25.0	60.1	4 700 *	32.1	64.8	4 300	37.9	67.8	3 800	42.8	69.7	3 300	58.0
60.0										19.1	55.2	4 200 *	27.7	61.3	4 100	34.1	65.1	3 600	39.5	67.4	3 000	60.0
62.0										10.3	47.6	3 800 *	22.5	57.1	3 800	30.0	61.9	3 300	35.8	64.8	2 800	62.0
64.0													15.7	51.3	3 600	25.2	58.1	3 100	31.9	61.8	2 600	64.0
66.0																19.4	53.2	2 900	27.4	58.3	2 400	66.0
68.0																10.9	45.8	2 700	22.1	54.0	2 200	68.0
70.0																			15.2	48.0	2 000	70.0



Liftcrane Luffing Jib Capacities

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

777 SERIES 2

39.6m (130 Ft.) Boom, 21.3m (70 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
10.7	68.3	62.5	43 000 *b																			10.7
12.0	64.4	61.9	41 200 *b																			12.0
14.0	58.3	60.8	37 700 *	68.8	62.2	38 000 *b																14.0
16.0	51.7	59.4	33 500 *	62.9	61.3	34 400 *b																16.0
18.0	44.5	57.6	28 300 *	56.7	60.2	29 800 *	63.2	61.0	29 200 b													18.0
20.0	36.2	55.2	24 400 *	50.0	58.7	26 400 *	57.0	59.9	25 500													20.0
22.0	25.8	51.9	21 200 *	42.6	56.8	23 600 *	50.3	58.4	22 700													22.0
24.0				33.9	54.2	21 300	42.9	56.5	20 400	55.2	58.7	18 900										24.0
26.0				22.5	50.5	19 200	34.3	54.0	18 400	48.3	57.2	17 100										26.0
28.0							23.1	50.4	16 800	40.7	55.1	15 600	53.0	57.2	14 400							28.0
30.0										31.5	52.4	14 300	45.9	55.5	13 100							30.0
32.0										18.9	48.1	13 100	37.9	53.2	12 100	50.4	55.2	11 100				32.0
34.0													28.0	50.2	11 200	43.0	53.3	10 200				34.0
36.0																34.5	50.8	9 500				36.0
38.0																23.3	47.2	8 800				38.0
40.0																			39.4	50.7	8 000	40.0
42.0																			30.0	47.8	7 400	42.0
																			16.3	43.1	6 900	



Liftcrane Luffing Jib Capacities

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

777 SERIES 2

39.6m (130 Ft.) Boom, 24.4m (80 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
10.7	71.1	65.7	38 600 *b																			10.7
12.0	67.8	65.2	37 500 *b																			12.0
14.0	62.6	64.3	35 800 *																			14.0
16.0	57.2	63.1	33 100 *	66.5	64.7	33 400 *b																16.0
18.0	51.4	61.7	28 600 *	61.3	63.7	29 800 *																18.0
20.0	45.1	59.9	24 600 *	55.8	62.5	26 300 *	61.5	63.4	25 400													20.0
22.0	38.0	57.6	21 500 *	49.9	61.0	23 500 *	56.0	62.2	22 500													22.0
24.0	29.5	54.7	19 000 *	43.4	59.1	21 100	50.2	60.7	20 200													24.0
26.0				36.1	56.7	19 100	43.7	58.9	18 300	54.4	61.0	16 900										26.0
28.0				27.1	53.4	17 400	36.4	56.5	16 700	48.4	59.5	15 400										28.0
30.0				13.5	48.0	15 400	27.6	53.3	15 200	41.8	57.5	14 100	52.5	59.5	13 000							30.0
32.0							14.4	48.1	14 000	34.1	54.9	13 000	46.3	57.8	11 900							32.0
34.0										24.5	51.3	12 000	39.4	55.6	11 000	50.2	57.5	10 000				34.0
36.0													31.3	52.8	10 200	43.8	55.6	9 300				36.0
38.0													20.5	48.7	9 500	36.5	53.3	8 600				38.0
40.0																27.7	50.1	8 000	40.7	53.0	7 200	40.0
42.0																14.6	44.9	7 500	32.9	50.3	6 700	42.0
44.0																			22.8	46.5	6 300	44.0

Liftcrane Luffing Jib Capacities

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

777 SERIES 2

39.6m (130 Ft.) Boom, 27.4m (90 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
10.7	73.3	68.9	35 500 *b																			10.7
12.0	70.4	68.5	34 500 *b																			12.0
14.0	65.9	67.7	33 000 *																			14.0
16.0	61.2	66.7	31 300 *	69.3	68.0	32 500 *b																16.0
18.0	56.3	65.5	28 600 *	64.7	67.1	29 500 *																18.0
20.0	51.1	64.0	24 700 *	60.0	66.1	26 100 *	64.9	66.9	25 300													20.0
22.0	45.5	62.2	21 600 *	55.1	64.8	23 300 *	60.2	65.8	22 400													22.0
24.0	39.3	60.0	19 100 *	49.8	63.3	21 000 *	55.3	64.6	20 100													24.0
26.0	32.2	57.3	17 100 *	44.1	61.4	19 000	50.0	63.0	18 200	58.9	64.7	16 800										26.0
28.0	23.2	53.4	15 200 *	37.7	59.1	17 300	44.3	61.2	16 600	53.8	63.4	15 300										28.0
30.0				30.2	56.1	15 900	38.0	58.9	15 200	48.5	61.8	14 000										30.0
32.0				20.4	51.9	14 600	30.6	56.0	14 000	42.6	59.8	12 900	52.1	61.8	11 800							32.0
34.0							21.0	51.8	12 900	36.0	57.3	11 900	46.6	60.1	10 900							34.0
36.0										28.2	54.2	11 000	40.6	58.0	10 100	50.1	59.8	9 200				36.0
38.0										17.3	49.4	10 200	33.6	55.3	9 400	44.4	58.0	8 500				38.0
40.0													25.1	51.8	8 700	38.1	55.7	7 900				40.0
42.0																30.7	52.8	7 400	41.7	55.4	6 600	42.0
44.0																21.1	48.6	6 900	35.0	52.8	6 200	44.0
46.0																			26.8	49.5	5 800	46.0
48.0																			15.1	44.3	5 400	48.0



Liftcrane Luffing Jib Capacities

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

777 SERIES 2

39.6m (130 Ft.) Boom, 30.5m (100 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
10.7	75.0	72.1	32 500 *b																			10.7
12.0	72.4	71.7	31 600 *b																			12.0
14.0	68.4	71.0	30 400 *																			14.0
16.0	64.3	70.1	29 100 *																			16.0
18.0	60.1	69.0	27 500 *	67.4	70.5	29 100 *																18.0
20.0	55.6	67.8	24 600 *	63.3	69.6	25 900 *	67.6	70.2	25 100													20.0
22.0	50.9	66.3	21 600 *	59.0	68.5	23 100 *	63.5	69.3	22 200													22.0
24.0	45.9	64.5	19 100 *	54.5	67.1	20 800 *	59.2	68.2	19 900													24.0
26.0	40.4	62.4	17 100 *	49.7	65.6	18 800	54.7	66.9	18 000	62.3	68.2	16 600										26.0
28.0	34.2	59.8	15 300 *	44.6	63.7	17 200	49.9	65.3	16 400	57.9	67.0	15 100										28.0
30.0	26.8	56.4	13 800 *	38.9	61.5	15 700	44.8	63.5	15 000	53.4	65.7	13 800										30.0
32.0	16.6	51.3	12 200 *	32.5	58.7	14 500	39.2	61.3	13 800	48.5	64.1	12 700	56.5	65.5	11 600							32.0
34.0				24.6	55.0	13 400	32.8	58.5	12 800	43.3	62.1	11 700	51.8	64.1	10 700							34.0
36.0				12.9	49.2	11 800 *	25.0	54.9	11 800	37.5	59.8	10 800	46.9	62.4	9 900							36.0
38.0							13.7	49.2	11 000	30.8	56.8	10 100	41.5	60.3	9 200							38.0
40.0										22.4	52.8	9 400	35.4	57.8	8 500	44.9	60.3	7 700				40.0
42.0													28.3	54.6	8 000	39.3	58.1	7 200				42.0
44.0													18.9	50.0	7 400	32.9	55.3	6 700	42.5	57.7	6 000	44.0
46.0																25.1	51.7	6 300	36.6	55.3	5 600	46.0
48.0																13.8	46.1	5 900	29.7	52.2	5 200	48.0
50.0																			20.9	48.0	4 900	50.0

Liftcrane Luffing Jib Capacities

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

777 SERIES 2

39.6m (130 Ft.) Boom, 33.5m (110 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
12.2	73.7	74.8	29 000 *																			12.2
14.0	70.5	74.2	28 000 *																			14.0
16.0	66.8	73.4	26 800 *																			16.0
18.0	63.0	72.5	25 600 *																			18.0
20.0	59.1	71.4	24 300 *	65.9	72.9	25 800 *																20.0
22.0	55.0	70.1	21 700 *	62.1	72.0	23 000 *	66.0	72.6	22 300													22.0
24.0	50.7	68.6	19 200 *	58.1	70.8	20 700 *	62.2	71.7	19 900													24.0
26.0	46.2	66.8	17 100 *	54.0	69.5	18 800 *	58.3	70.5	18 000													26.0
28.0	41.2	64.7	15 400 *	49.7	67.9	17 200	54.2	69.2	16 400	61.1	70.6	15 100										28.0
30.0	35.7	62.2	13 900 *	45.0	66.0	15 700	49.9	67.6	15 000	57.2	69.4	13 800										30.0
32.0	29.4	59.1	12 700 *	39.9	63.9	14 500	45.2	65.8	13 800	53.0	68.0	12 700										32.0
34.0	21.4	54.9	11 400 *	34.3	61.2	13 400	40.2	63.6	12 700	48.6	66.4	11 700	55.8	67.9	10 600							34.0
36.0				27.6	57.9	12 400	34.5	61.0	11 800	43.8	64.4	10 800	51.6	66.4	9 900							36.0
38.0				19.0	53.2	11 300 *	27.9	57.7	11 000	38.6	62.2	10 100	47.1	64.7	9 100							38.0
40.0							19.4	53.2	10 300	32.8	59.4	9 400	42.2	62.7	8 500	49.9	64.4	7 700				40.0
42.0										25.8	55.8	8 800	36.8	60.2	8 000	45.3	62.6	7 200				42.0
44.0										16.3	50.6	8 200	30.7	57.2	7 400	40.2	60.4	6 700				44.0
46.0													23.1	53.3	7 000	34.6	57.8	6 200	43.1	60.0	5 600	46.0
48.0																28.0	54.5	5 900	37.8	57.7	5 200	48.0
50.0																19.6	50.0	5 500	31.8	54.8	4 900	50.0
52.0																			24.6	51.1	4 500	52.0
54.0																			14.3	45.4	4 300	54.0



Liftcrane Luffing Jib Capacities

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

777 SERIES 2

39.6m (130 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
12.2	75.1	78.0	23 000 *																			12.2
14.0	72.1	77.4	22 500 *																			14.0
16.0	68.8	76.7	22 000 *																			16.0
18.0	65.4	75.9	21 500 *																			18.0
20.0	61.9	74.9	20 800 *	68.0	76.2	22 100 *																20.0
22.0	58.3	73.8	19 800 *	64.6	75.4	21 700 *																22.0
24.0	54.6	72.4	18 700 *	61.0	74.3	20 600 *	64.7	75.1	19 800													24.0
26.0	50.6	70.9	17 200 *	57.4	73.1	18 700	61.2	74.1	17 800													26.0
28.0	46.4	69.1	15 500 *	53.6	71.8	17 000	57.6	72.9	16 200													28.0
30.0	41.9	67.1	14 000 *	49.6	70.2	15 600	53.8	71.5	14 800	60.2	72.9	13 600										30.0
32.0	37.0	64.6	12 700 *	45.3	68.4	14 300	49.8	69.9	13 700	56.5	71.7	12 500										32.0
34.0	31.4	61.7	11 600 *	40.8	66.2	13 300	45.5	68.1	12 600	52.7	70.3	11 500										34.0
36.0	24.8	58.0	10 600 *	35.7	63.7	12 300	41.0	66.0	11 700	48.6	68.7	10 700	55.3	70.2	9 700							36.0
38.0	15.7	52.5	9 400 *	29.9	60.6	11 300	35.9	63.5	10 900	44.3	66.8	9 900	51.4	68.7	9 000							38.0
40.0				22.9	56.5	10 400 *	30.2	60.4	10 100	39.6	64.5	9 200	47.2	67.0	8 400							40.0
42.0				12.5	50.3	9 200 *	23.2	56.4	9 500	34.4	61.9	8 600	42.8	65.0	7 800	49.8	66.7	7 000				42.0
44.0							13.1	50.3	8 900	28.4	58.6	8 100	38.0	62.6	7 300	45.6	64.9	6 500				44.0
46.0										20.8	54.2	7 500	32.5	59.8	6 800	41.0	62.8	6 100				46.0
48.0													26.1	56.2	6 400	36.0	60.3	5 700	43.6	62.3	5 000	48.0
50.0													17.7	51.3	6 000	30.3	57.2	5 300	38.9	60.1	4 700	50.0
52.0																23.3	53.2	5 000	33.5	57.3	4 400	52.0
54.0																13.3	47.2	4 700	27.4	53.9	4 100	54.0
56.0																			19.5	49.3	3 800	56.0

Liftcrane Luffing Jib Capacities

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

777 SERIES 2

39.6m (130 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
13.7	74.0	80.7	21 200 *																			13.7
14.0	73.6	80.6	21 100 *																			14.0
16.0	70.5	80.0	20 700 *																			16.0
18.0	67.4	79.2	20 200 *																			18.0
20.0	64.3	78.3	19 200 *	69.8	79.5	20 600 *																20.0
22.0	61.0	77.3	18 300 *	66.6	78.7	20 200 *																22.0
24.0	57.6	76.1	17 400 *	63.5	77.8	19 200 *																24.0
26.0	54.1	74.7	16 500 *	60.2	76.7	18 300 *	63.6	77.5	17 700													26.0
28.0	50.5	73.2	15 500 *	56.8	75.5	16 900 *	60.3	76.4	16 100													28.0
30.0	46.6	71.4	13 900 *	53.3	74.1	15 500 *	56.9	75.2	14 700													30.0
32.0	42.5	69.4	12 700 *	49.6	72.5	14 200 *	53.4	73.8	13 500	59.4	75.3	12 400										32.0
34.0	38.0	67.0	11 500 *	45.6	70.7	13 100 *	49.7	72.2	12 500	55.9	74.0	11 400										34.0
36.0	33.0	64.2	10 500 *	41.4	68.6	12 200 *	45.8	70.4	11 600	52.4	72.6	10 500										36.0
38.0	27.3	60.8	9 700 *	36.9	66.1	11 300 *	41.6	68.3	10 800	48.6	71.0	9 800	54.8	72.5	8 800							38.0
40.0	20.1	56.2	8 800 *	31.7	63.2	10 300 *	37.1	65.9	10 000	44.7	69.1	9 100	51.2	71.0	8 200							40.0
42.0				25.7	59.5	9 500 *	32.0	63.0	9 400	40.4	66.9	8 500	47.4	69.3	7 700							42.0
44.0				17.9	54.5	8 700 *	26.0	59.4	8 800	35.7	64.3	8 000	43.3	67.3	7 200	49.8	69.0	6 400				44.0
46.0							18.3	54.5	8 200	30.4	61.2	7 500	38.9	65.0	6 700	45.9	67.2	6 000				46.0
48.0										24.0	57.4	7 000	34.0	62.3	6 300	41.7	65.1	5 600				48.0
50.0										15.5	51.8	6 600	28.5	59.0	5 900	37.1	62.7	5 200	44.0	64.7	4 500	50.0
52.0													21.6	54.7	5 500	32.0	59.8	4 900	39.7	62.4	4 200	52.0
54.0																26.1	56.2	4 600	34.9	59.8	4 000	54.0
56.0																18.4	51.3	4 300	29.5	56.6	3 700	56.0
58.0																			23.0	52.6	3 500	58.0
60.0																			13.8	46.5	3 200	60.0



Liftcrane Luffing Jib Capacities

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

777 SERIES 2

39.6m (130 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
13.7	75.2	83.9	19 800 *																			13.7
14.0	74.8	83.8	19 700 *																			14.0
16.0	72.0	83.2	19 300 *																			16.0
18.0	69.1	82.5	18 600 *																			18.0
20.0	66.2	81.7	17 600 *																			20.0
22.0	63.2	80.7	16 800 *	68.4	82.0	18 400 *																22.0
24.0	60.2	79.7	15 900 *	65.5	81.2	17 600 *																24.0
26.0	57.0	78.4	15 000 *	62.5	80.2	16 700 *	65.6	80.9	17 500													26.0
28.0	53.8	77.1	14 200 *	59.4	79.1	15 900 *	62.6	79.9	15 900													28.0
30.0	50.4	75.5	13 500 *	56.3	77.8	15 000 *	59.6	78.8	14 600													30.0
32.0	46.8	73.7	12 600 *	53.0	76.4	14 000 *	56.4	77.5	13 400	61.8	78.8	12 200										32.0
34.0	43.0	71.7	11 400 *	49.5	74.8	12 900 *	53.1	76.1	12 300	58.7	77.7	11 200										34.0
36.0	38.9	69.4	10 400 *	45.9	73.0	12 000 *	49.7	74.5	11 400	55.5	76.4	10 400										36.0
38.0	34.4	66.7	9 600 *	42.0	70.9	11 100 *	46.0	72.7	10 600	52.1	74.9	9 600										38.0
40.0	29.3	63.5	8 800 *	37.8	68.5	10 300 *	42.2	70.7	9 900	48.7	73.3	8 900	54.4	74.8	8 000							40.0
42.0	23.2	59.5	8 100 *	33.2	65.7	9 400 *	38.0	68.3	9 200	45.0	71.4	8 400	51.0	73.3	7 500							42.0
44.0	15.0	53.7	7 200 *	27.9	62.3	8 600 *	33.4	65.5	8 700	41.0	69.2	7 800	47.5	71.6	7 000							44.0
46.0				21.5	58.0	7 900 *	28.2	62.1	8 100	36.8	66.8	7 300	43.7	69.6	6 500	49.7	71.3	5 700				46.0
48.0				12.2	51.4	7 100 *	21.8	57.9	7 600	32.0	63.8	6 900	39.7	67.4	6 100	46.1	69.5	5 400				48.0
50.0							12.8	51.4	7 100	26.5	60.3	6 500	35.3	64.8	5 700	42.2	67.4	5 000				50.0
52.0										19.7	55.6	6 000	30.3	61.7	5 400	38.1	65.1	4 700	44.4	67.0	4 100	52.0
54.0													24.5	57.8	5 000	33.5	62.3	4 400	40.4	64.8	3 800	54.0
56.0													16.9	52.5	4 700	28.2	58.9	4 100	36.1	62.2	3 500	56.0
58.0																21.9	54.7	3 800	31.2	59.2	3 300	58.0
60.0																12.9	48.3	3 600	25.6	55.5	3 100	60.0
62.0																			18.4	50.6	2 800	62.0
64.0																			5.4	41.1	2 600	64.0

Liftcrane Luffing Jib Capacities

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

777 SERIES 2

39.6m (130 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
15.2	74.2	86.6	18 100 *																			15.2
16.0	73.2	86.4	17 900 *																			16.0
18.0	70.6	85.7	17 200 *																			18.0
20.0	67.9	85.0	16 300 *																			20.0
22.0	65.1	84.1	15 400 *	69.9	85.3	16 900 *																22.0
24.0	62.4	83.1	14 600 *	67.2	84.5	16 200 *																24.0
26.0	59.5	82.0	13 800 *	64.5	83.6	15 300 *	67.3	84.2	16 000 *													26.0
28.0	56.5	80.8	13 000 *	61.7	82.6	14 600 *	64.6	83.3	15 300 *													28.0
30.0	53.5	79.4	12 300 *	58.8	81.4	13 700 *	61.8	82.3	14 400 *													30.0
32.0	50.3	77.8	11 500 *	55.8	80.1	13 000 *	58.9	81.2	13 300 *													32.0
34.0	46.9	76.0	10 900 *	52.7	78.7	12 300 *	55.9	79.9	12 300 *	61.0	81.2	11 200 *										34.0
36.0	43.4	74.1	10 200 *	49.5	77.1	11 500 *	52.8	78.4	11 400 *	58.1	80.0	10 300 *										36.0
38.0	39.6	71.8	9 600 *	46.1	75.3	10 900 *	49.6	76.8	10 600 *	55.1	78.7	9 600 *										38.0
40.0	35.5	69.2	8 800 *	42.5	73.2	10 200 *	46.2	75.0	9 800 *	51.9	77.2	8 900 *	57.1	78.5	8 000 *							40.0
42.0	30.9	66.1	8 100 *	38.7	70.9	9 400 *	42.7	73.0	9 200 *	48.7	75.6	8 300 *	54.1	77.1	7 400 *							42.0
44.0	25.7	62.4	7 500 *	34.4	68.2	8 700 *	38.8	70.7	8 600 *	45.3	73.7	7 800 *	50.9	75.6	6 900 *							44.0
46.0	19.1	57.6	6 800 *	29.7	65.0	8 000 *	34.6	68.0	8 100 *	41.6	71.6	7 300 *	47.6	73.9	6 500 *							46.0
48.0				24.2	61.1	7 300 *	29.9	64.8	7 600 *	37.7	69.2	6 800 *	44.1	71.9	6 100 *	49.7	73.6	5 300 *				48.0
50.0				17.1	55.8	6 800 *	24.5	60.9	7 100 *	33.4	66.4	6 400 *	40.4	69.7	5 700 *	46.3	71.8	5 000 *				50.0
52.0							17.4	55.7	6 700 *	28.5	63.0	6 000 *	36.3	67.2	5 300 *	42.7	69.8	4 600 *				52.0
54.0										22.7	58.8	5 700 *	31.8	64.3	5 000 *	38.9	67.5	4 300 *	44.7	69.3	3 700 *	54.0
56.0										14.9	53.0	5 300 *	26.7	60.7	4 700 *	34.7	64.8	4 100 *	41.0	67.1	3 500 *	56.0
58.0													20.5	56.1	4 400 *	30.0	61.6	3 800 *	37.1	64.7	3 300 *	58.0
60.0																24.5	57.7	3 600 *	32.7	61.8	3 000 *	60.0
62.0																17.5	52.5	3 400 *	27.7	58.4	2 800 *	62.0
64.0																4.3	42.1	3 100 *	21.7	54.0	2 600 *	64.0
66.0																			13.4	47.7	2 400 *	66.0



Liftcrane Luffing Jib Capacities

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

777 SERIES 2

39.6m (130 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
15.2	75.2	89.8	16 700 *																			15.2
16.0	74.3	89.6	16 500 *																			16.0
18.0	71.8	89.0	15 700 *																			18.0
20.0	69.3	88.3	14 900 *																			20.0
22.0	66.8	87.5	14 100 *																			22.0
24.0	64.2	86.5	13 200 *	68.7	87.8	14 700 *																24.0
26.0	61.6	85.5	12 500 *	66.2	86.9	13 900 *																26.0
28.0	58.9	84.4	11 700 *	63.6	86.0	13 200 *	66.3	86.7	13 900 *													28.0
30.0	56.1	83.1	11 000 *	60.9	85.0	12 400 *	63.7	85.7	13 100 *													30.0
32.0	53.2	81.7	10 300 *	58.2	83.8	11 700 *	61.0	84.7	12 400 *													32.0
34.0	50.2	80.1	9 600 *	55.4	82.5	10 900 *	58.3	83.5	11 700 *													34.0
36.0	47.1	78.3	9 000 *	52.5	81.0	10 200 *	55.5	82.2	11 000 *	60.3	83.6	10 200										36.0
38.0	43.8	76.4	8 400 *	49.4	79.4	9 600 *	52.6	80.7	10 300 *	57.5	82.4	9 400										38.0
40.0	40.3	74.2	7 900 *	46.3	77.6	9 000 *	49.6	79.1	9 700 *	54.7	81.0	8 800										40.0
42.0	36.5	71.6	7 400 *	42.9	75.5	8 400 *	46.4	77.3	9 000	51.8	79.5	8 100	56.6	80.9	7 300							42.0
44.0	32.3	68.7	6 900 *	39.4	73.3	7 800 *	43.1	75.3	8 500	48.7	77.9	7 600	53.8	79.5	6 800							44.0
46.0	27.6	65.2	6 500 *	35.5	70.6	7 300 *	39.5	73.0	7 900 *	45.5	76.0	7 100	50.8	77.9	6 300							46.0
48.0	22.0	60.9	6 100 *	31.2	67.6	6 900 *	35.7	70.4	7 400 *	42.1	73.9	6 700	47.7	76.2	5 900							48.0
50.0	14.5	54.8	5 600 *	26.3	64.0	6 400 *	31.4	67.4	6 900 *	38.5	71.5	6 300	44.4	74.3	5 500	49.6	75.9	4 800				50.0
52.0				20.4	59.3	6 000 *	26.6	63.8	6 500 *	34.5	68.8	5 900	40.9	72.1	5 200	46.5	74.1	4 500				52.0
54.0				12.0	52.5	5 500 *	20.7	59.2	6 100 *	30.1	65.7	5 500	37.2	69.6	4 800	43.1	72.1	4 200				54.0
56.0							12.5	52.5	5 700 *	25.0	61.9	5 200	33.1	66.8	4 500	39.6	69.8	3 900	45.0	71.6	3 300	56.0
58.0										18.7	56.9	4 900	28.6	63.4	4 200	35.7	67.2	3 700	41.6	69.5	3 100	58.0
60.0													23.2	59.3	4 000	31.5	64.2	3 400	37.9	67.1	2 800	60.0
62.0													16.2	53.7	3 700	26.6	60.6	3 200	33.9	64.3	2 600	62.0
64.0																20.8	56.1	3 000	29.4	61.1	2 400	64.0
66.0																12.6	49.4	2 800	24.2	57.1	2 300	66.0
68.0																			17.6	51.9	2 100	68.0
70.0																			6.2	42.4	1 900	70.0

Liftcrane Luffing Jib Capacities

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

777 SERIES 2

39.6m (130 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
16.8	74.4	92.5	14 600 *																			16.8
18.0	72.9	92.2	14 400 *																			18.0
20.0	70.6	91.5	13 700 *																			20.0
22.0	68.2	90.8	12 900 *																			22.0
24.0	65.8	89.9	12 100 *																			24.0
26.0	63.4	89.0	11 400 *	67.6	90.3	12 800 *																26.0
28.0	60.9	87.9	10 700 *	65.2	89.4	12 000 *																28.0
30.0	58.3	86.7	10 000 *	62.8	88.4	11 300 *	65.3	89.1	12 000 *													30.0
32.0	55.7	85.4	9 300 *	60.3	87.3	10 600 *	62.9	88.1	11 300 *													32.0
34.0	53.0	84.0	8 600 *	57.7	86.1	9 900 *	60.4	87.0	10 600 *													34.0
36.0	50.1	82.4	8 100 *	55.0	84.8	9 300 *	57.8	85.8	9 900 *													36.0
38.0	47.2	80.6	7 500 *	52.3	83.3	8 600 *	55.1	84.5	9 300 *	59.6	85.9	9 300 *										38.0
40.0	44.1	78.7	7 000 *	49.4	81.7	8 000 *	52.4	83.1	8 700 *	57.0	84.7	8 600 *										40.0
42.0	40.8	76.5	6 500 *	46.4	79.9	7 500 *	49.5	81.4	8 100 *	54.4	83.3	8 000 *										42.0
44.0	37.3	74.0	6 000 *	43.3	77.9	6 900 *	46.6	79.6	7 500 *	51.6	81.8	7 500 *	56.2	83.2	6 600 *							44.0
46.0	33.5	71.2	5 600 *	40.0	75.6	6 400 *	43.4	77.6	7 000 *	48.7	80.2	7 000 *	53.5	81.8	6 200 *							46.0
48.0	29.2	67.9	5 100 *	36.4	73.1	6 000 *	40.1	75.4	6 500 *	45.7	78.3	6 500 *	50.7	80.2	5 800 *							48.0
50.0	24.3	64.0	4 600 *	32.5	70.2	5 500 *	36.6	72.9	6 000 *	42.5	76.2	6 100 *	47.8	78.5	5 400 *							50.0
52.0	18.2	58.8	4 100 *	28.1	66.7	5 000 *	32.7	70.0	5 600 *	39.1	73.9	5 800 *	44.7	76.6	5 000 *	49.6	78.2	4 400 *				52.0
54.0				23.0	62.6	4 500 *	28.3	66.6	5 100 *	35.5	71.3	5 400 *	41.5	74.4	4 700 *	46.6	76.4	4 100 *				54.0
56.0				16.4	57.0	4 100 *	23.2	62.4	4 600 *	31.5	68.3	5 100 *	38.0	72.0	4 400 *	43.5	74.4	3 800 *				56.0
58.0							16.7	56.9	4 100 *	27.0	64.7	4 800 *	34.2	69.3	4 200 *	40.2	72.2	3 500 *	45.2	73.9	2 900 *	58.0
60.0										21.6	60.3	4 500 *	30.1	66.1	3 900 *	36.6	69.7	3 300 *	42.0	71.8	2 700 *	60.0
62.0										14.4	54.1	4 000 *	25.3	62.3	3 600 *	32.7	66.8	3 100 *	38.6	69.4	2 500 *	62.0
64.0													19.5	57.4	3 400 *	28.4	63.4	2 900 *	34.9	66.8	2 400 *	64.0
66.0																23.3	59.2	2 700 *	30.9	63.7	2 200 *	66.0
68.0																16.8	53.8	2 500 *	26.2	60.0	2 000 *	68.0
70.0																5.3	43.5	2 300 *	20.7	55.4	1 800 *	70.0



Liftcrane Luffing Jib Capacities

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

777 SERIES 2

42.7m (140 Ft.) Boom, 21.3m (70 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
10.7	68.6	65.6	41 000 *b																			10.7
12.0	64.7	65.0	38 700 *b																			12.0
14.0	58.6	63.9	35 600 *b																			14.0
16.0	52.1	62.5	32 600 *	64.1	64.5	32 900 *b																16.0
18.0	44.9	60.7	28 600 *	57.9	63.4	29 200 *																18.0
20.0	36.7	58.4	24 600 *	51.3	62.0	25 700 *	58.7	63.2	25 300 b													20.0
22.0	26.4	55.2	21 300 *	44.1	60.2	23 100 *	52.2	61.9	22 500													22.0
24.0				35.7	57.8	20 800 *	45.0	60.1	20 200	57.7	62.2	18 600										24.0
26.0				25.0	54.4	19 000 *	36.8	57.8	18 200	51.1	60.8	16 700										26.0
28.0							26.5	54.5	16 600	43.8	58.9	15 300										28.0
30.0										35.4	56.5	14 000	49.7	59.3	12 700							30.0
32.0										24.6	53.0	12 900	42.2	57.3	11 700							32.0
34.0													33.5	54.8	10 800	47.9	57.3	9 800				34.0
36.0													21.9	51.0	10 000	40.2	55.3	9 100				36.0
38.0																30.9	52.5	8 400				38.0
40.0																			37.4	52.7	7 000	40.0
42.0																			27.3	49.5	6 500	42.0
44.0																			10.8	43.7	6 100	44.0

Liftcrane Luffing Jib Capacities

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

777 SERIES 2

42.7m (140 Ft.) Boom, 24.4m (80 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
10.7	71.4	68.8	37 800 *b																			10.7
12.0	68.1	68.3	36 700 *b																			12.0
14.0	62.9	67.4	34 000 *																			14.0
16.0	57.5	66.2	31 500 *	67.5	67.9	31 700 *b																16.0
18.0	51.7	64.8	28 600 *	62.3	66.9	29 000 *																18.0
20.0	45.4	63.1	24 800 *	56.8	65.8	25 700 *	63.0	66.7	25 100													20.0
22.0	38.4	60.8	21 700 *	51.0	64.3	22 900 *	57.5	65.6	22 300													22.0
24.0	30.0	57.9	19 200 *	44.7	62.5	20 700 *	51.8	64.2	20 000													24.0
26.0				37.5	60.2	18 800 *	45.5	62.4	18 100	56.7	64.5	16 600										26.0
28.0				29.0	57.2	17 200 *	38.5	60.2	16 500	50.8	63.1	15 100										28.0
30.0				16.9	52.4	15 800 *	30.1	57.2	15 100	44.5	61.2	13 800										30.0
32.0							18.8	52.8	13 900	37.3	58.9	12 700	49.6	61.6	11 500							32.0
34.0										28.7	55.9	11 700	43.1	59.7	10 600							34.0
36.0										16.4	51.0	10 800	35.7	57.2	9 900	48.0	59.7	8 900				36.0
38.0													26.6	53.9	9 100	41.3	57.6	8 200				38.0
40.0																33.6	55.0	7 600	45.9	57.3	6 800	40.0
42.0																23.8	51.4	7 100	39.0	55.1	6 300	42.0
44.0																			30.7	52.2	5 900	44.0
46.0																			19.7	48.0	5 500	46.0



Liftcrane Luffing Jib Capacities

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

777 SERIES 2

42.7m (140 Ft.) Boom, 27.4m (90 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
10.7	73.5	72.0	34 500 *b																			10.7
12.0	70.6	71.6	34 000 *b																			12.0
14.0	66.1	70.8	32 700 *																			14.0
16.0	61.5	69.8	30 700 *																			16.0
18.0	56.6	68.6	28 300 *	65.6	70.3	28 600 *																18.0
20.0	51.4	67.1	24 900 *	60.9	69.3	25 500 *	66.2	70.1	25 000													20.0
22.0	45.9	65.4	21 800 *	56.0	68.1	22 700 *	61.5	69.1	22 200													22.0
24.0	39.7	63.2	19 300 *	50.8	66.6	20 500 *	56.6	67.9	19 900													24.0
26.0	32.6	60.5	17 200 *	45.2	64.8	18 600 *	51.5	66.5	18 000	60.8	68.1	16 400										26.0
28.0	23.8	56.7	15 300 *	38.9	62.6	17 000 *	45.9	64.7	16 400	55.9	66.9	15 000										28.0
30.0				31.7	59.8	15 600 *	39.8	62.5	15 000	50.6	65.4	13 700										30.0
32.0				22.6	55.9	14 400 *	32.7	59.8	13 800	45.0	63.6	12 600	54.8	65.4	11 400							32.0
34.0							23.9	56.1	12 800	38.7	61.3	11 600	49.6	63.9	10 500							34.0
36.0										31.5	58.5	10 800	43.8	62.0	9 700							36.0
38.0										22.2	54.5	10 000	37.4	59.7	9 100	48.1	62.0	8 100				38.0
40.0													29.8	56.6	8 400	42.2	60.0	7 500				40.0
42.0													19.9	52.3	7 900	35.6	57.5	7 000				42.0
44.0																27.6	54.2	6 600	40.2	57.4	5 800	44.0
46.0																			33.2	54.8	5 400	46.0
48.0																			24.5	51.1	5 000	48.0
50.0																			10.7	44.8	4 700	50.0



Liftcrane Luffing Jib Capacities

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

777 SERIES 2

42.7m (140 Ft.) Boom, 30.5m (100 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
10.7	75.2	75.2	31 700 *b																			10.7
12.0	72.6	74.8	31 200 *b																			12.0
14.0	68.6	74.1	30 000 *																			14.0
16.0	64.5	73.2	28 800 *																			16.0
18.0	60.3	72.2	27 500 *	68.2	73.7	27 800 *																18.0
20.0	55.9	70.9	24 900 *	64.1	72.8	25 300 *																20.0
22.0	51.2	69.4	21 800 *	59.8	71.7	22 500 *	64.6	72.5	22 000													22.0
24.0	46.2	67.7	19 300 *	55.3	70.4	20 300 *	60.3	71.5	19 700													24.0
26.0	40.7	65.6	17 200 *	50.6	68.9	18 400 *	55.9	70.2	17 800													26.0
28.0	34.5	63.0	15 400 *	45.6	67.1	16 800 *	51.2	68.8	16 200	59.7	70.5	14 800										28.0
30.0	27.2	59.6	13 900 *	40.0	65.0	15 400 *	46.2	67.0	14 900	55.2	69.2	13 500										30.0
32.0	17.3	54.7	12 300 *	33.8	62.3	14 200 *	40.8	64.9	13 700	50.5	67.7	12 400										32.0
34.0				26.3	58.8	13 100 *	34.6	62.3	12 600	45.4	65.9	11 500	54.3	67.7	10 300							34.0
36.0				15.8	53.6	12 100 *	27.3	59.0	11 700	39.9	63.7	10 600	49.5	66.2	9 600							36.0
38.0							17.4	54.1	10 900	33.6	61.0	9 900	44.4	64.3	8 900							38.0
40.0										26.0	57.5	9 200	38.7	62.0	8 300	48.2	64.3	7 300				40.0
42.0										15.3	52.2	8 600	32.2	59.2	7 700	43.0	62.3	6 800				42.0
44.0													24.2	55.5	7 200	37.1	59.9	6 400				44.0
46.0																30.3	56.9	6 000	41.1	59.8	5 200	46.0
48.0																21.8	52.8	5 600	35.0	57.2	4 800	48.0
50.0																			27.8	54.0	4 500	50.0
52.0																			18.2	49.3	4 200	52.0



Liftcrane Luffing Jib Capacities

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

777 SERIES 2

42.7m (140 Ft.) Boom, 33.5m (110 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
12.2	73.9	77.9	28 600 *b																			12.2
14.0	70.7	77.3	27 700 *																			14.0
16.0	67.0	76.5	26 600 *																			16.0
18.0	63.2	75.6	25 400 *																			18.0
20.0	59.3	74.5	24 200 *	66.6	76.1	25 200 *																20.0
22.0	55.3	73.2	21 900 *	62.8	75.2	22 500 *																22.0
24.0	51.0	71.7	19 300 *	58.9	74.1	20 200 *	63.3	74.9	19 700													24.0
26.0	46.4	70.0	17 300 *	54.8	72.7	18 300 *	59.4	73.9	17 800													26.0
28.0	41.5	67.9	15 500 *	50.5	71.2	16 700 *	55.3	72.6	16 200													28.0
30.0	36.1	65.4	14 000 *	45.9	69.4	15 400 *	51.0	71.1	14 800	58.7	72.8	13 500										30.0
32.0	29.8	62.3	12 700 *	40.9	67.3	14 100 *	46.5	69.3	13 700	54.7	71.5	12 400										32.0
34.0	21.9	58.2	11 500 *	35.4	64.8	13 100 *	41.6	67.2	12 600	50.3	70.0	11 400										34.0
36.0				29.0	61.6	12 200 *	36.1	64.8	11 700	45.7	68.2	10 600	53.8	70.1	9 500							36.0
38.0				20.8	57.3	11 300 *	29.8	61.7	10 900	40.8	66.0	9 900	49.5	68.5	8 800							38.0
40.0							22.0	57.6	10 200	35.2	63.5	9 200	44.8	66.6	8 200							40.0
42.0										28.7	60.3	8 600	39.7	64.4	7 700	48.3	66.6	6 800				42.0
44.0										20.5	55.9	8 000	34.0	61.7	7 200	43.5	64.6	6 300				44.0
46.0													27.3	58.4	6 700	38.3	62.3	5 900	46.8	64.2	5 200	46.0
48.0													18.5	53.6	6 300	32.4	59.5	5 600	41.9	62.1	4 800	48.0
50.0																25.3	55.9	5 200	36.5	59.7	4 500	50.0
52.0																			30.3	56.6	4 200	52.0
54.0																			22.6	52.6	3 900	54.0
56.0																			10.6	45.9	3 700	56.0

Liftcrane Luffing Jib Capacities

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

777 SERIES 2

42.7m (140 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
12.2	75.3	81.1	22 600 *b																			12.2
14.0	72.3	80.5	22 200 *																			14.0
16.0	69.0	79.8	21 700 *																			16.0
18.0	65.6	79.0	21 200 *																			18.0
20.0	62.1	78.0	20 700 *	68.6	79.4	21 800 *																20.0
22.0	58.5	76.9	19 800 *	65.2	78.6	21 500 *																22.0
24.0	54.8	75.6	18 800 *	61.7	77.6	20 300 *	65.6	78.3	19 500													24.0
26.0	50.8	74.0	17 300 *	58.1	76.4	18 200 *	62.1	77.3	17 600													26.0
28.0	46.7	72.3	15 600 *	54.3	75.1	16 600 *	58.5	76.2	16 000													28.0
30.0	42.2	70.2	14 100 *	50.4	73.5	15 200 *	54.8	74.9	14 700													30.0
32.0	37.3	67.8	12 800 *	46.2	71.7	14 000 *	50.9	73.4	13 500	58.0	75.2	12 200										32.0
34.0	31.7	64.9	11 600 *	41.6	69.7	13 000 *	46.7	71.6	12 500	54.2	73.8	11 300										34.0
36.0	25.2	61.2	10 600 *	36.7	67.2	12 000 *	42.2	69.6	11 500	50.2	72.3	10 400										36.0
38.0	16.3	55.9	9 500 *	31.1	64.2	11 100 *	37.3	67.2	10 700	46.0	70.5	9 700	53.4	72.4	8 600							38.0
40.0				24.3	60.4	10 400 *	31.8	64.3	10 000	41.5	68.4	9 000	49.4	70.8	8 000							40.0
42.0				15.0	54.8	9 500 *	25.2	60.6	9 300	36.5	65.9	8 400	45.2	68.9	7 500							42.0
44.0							16.4	55.3	8 800	30.9	62.9	7 900	40.5	66.8	7 000	48.4	68.9	6 200				44.0
46.0										24.1	59.1	7 400	35.5	64.2	6 600	44.0	66.9	5 700				46.0
48.0										14.6	53.4	6 900	29.6	61.1	6 100	39.3	64.7	5 300				48.0
50.0													22.5	57.0	5 800	34.0	62.0	5 000	42.5	64.5	4 300	50.0
52.0																28.0	58.7	4 700	37.6	62.1	4 000	52.0
54.0																20.3	54.2	4 400	32.2	59.2	3 800	54.0
56.0																			25.7	55.6	3 500	56.0
58.0																			17.1	50.5	3 300	58.0



Liftcrane Luffing Jib Capacities

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

777 SERIES 2

42.7m (140 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
13.7	74.1	83.8	20 900 *																			13.7
14.0	73.7	83.7	20 800 *																			14.0
16.0	70.7	83.1	20 300 *																			16.0
18.0	67.6	82.3	19 900 *																			18.0
20.0	64.4	81.4	19 200 *	70.3	82.7	20 300 *																20.0
22.0	61.2	80.4	18 200 *	67.2	81.9	20 000 *																22.0
24.0	57.8	79.2	17 400 *	64.1	81.0	19 300 *																24.0
26.0	54.3	77.9	16 500 *	60.8	79.9	18 100 *	64.5	80.8	17 500													26.0
28.0	50.7	76.3	15 600 *	57.4	78.7	16 400 *	61.2	79.7	15 900													28.0
30.0	46.8	74.6	14 000 *	53.9	77.4	15 100 *	57.8	78.6	14 500													30.0
32.0	42.7	72.6	12 700 *	50.3	75.8	13 800 *	54.4	77.2	13 400	60.7	78.7	12 100										32.0
34.0	38.3	70.2	11 600 *	46.4	74.0	12 800 *	50.7	75.7	12 300	57.3	77.5	11 100										34.0
36.0	33.3	67.5	10 600 *	42.2	72.0	11 900 *	46.9	73.9	11 400	53.8	76.1	10 300										36.0
38.0	27.6	64.1	9 700 *	37.7	69.6	11 000 *	42.8	71.9	10 600	50.1	74.6	9 600										38.0
40.0	20.5	59.6	8 800 *	32.7	66.8	10 200 *	38.3	69.6	9 900	46.3	72.8	8 900	53.1	74.7	7 900							40.0
42.0				26.9	63.3	9 600 *	33.4	66.8	9 300	42.1	70.7	8 300	49.4	73.1	7 400							42.0
44.0				19.6	58.6	8 900 *	27.7	63.4	8 700	37.6	68.3	7 800	45.5	71.2	6 900							44.0
46.0							20.6	59.0	8 100	32.6	65.5	7 300	41.2	69.1	6 400	48.4	71.2	5 600				46.0
48.0										26.7	62.0	6 800	36.6	66.6	6 000	44.4	69.2	5 300				48.0
50.0										19.3	57.3	6 400	31.5	63.7	5 600	40.1	67.0	4 900				50.0
52.0													25.4	60.0	5 300	35.4	64.5	4 600	43.0	66.8	3 900	52.0
54.0													17.5	54.9	5 000	30.0	61.3	4 300	38.6	64.5	3 600	54.0
56.0																23.6	57.4	4 000	33.7	61.7	3 400	56.0
58.0																			28.1	58.4	3 200	58.0
60.0																			21.1	54.0	2 900	60.0
62.0																			10.5	47.0	2 700	62.0

Liftcrane Luffing Jib Capacities

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

777 SERIES 2

42.7m (140 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
13.7	75.3	87.0	19 500 *																			13.7
14.0	74.9	86.9	19 400 *																			14.0
16.0	72.1	86.3	19 000 *																			16.0
18.0	69.3	85.6	18 500 *																			18.0
20.0	66.4	84.8	17 600 *																			20.0
22.0	63.4	83.8	16 700 *	68.9	85.2	18 400 *																22.0
24.0	60.4	82.8	15 800 *	66.0	84.3	17 600 *																24.0
26.0	57.2	81.6	15 000 *	63.1	83.4	16 800 *	66.4	84.1	17 300													26.0
28.0	54.0	80.2	14 200 *	60.0	82.3	16 000 *	63.4	83.2	15 700													28.0
30.0	50.6	78.6	13 500 *	56.9	81.1	14 900 *	60.4	82.1	14 400													30.0
32.0	47.0	76.9	12 600 *	53.6	79.7	13 700 *	57.2	80.9	13 200	63.0	82.2	11 900										32.0
34.0	43.2	74.9	11 500 *	50.2	78.1	12 500 *	54.0	79.5	12 200	59.9	81.1	10 900										34.0
36.0	39.1	72.6	10 500 *	46.6	76.3	11 600 *	50.6	78.0	11 300	56.7	79.8	10 100										36.0
38.0	34.6	69.9	9 700 *	42.8	74.3	10 800 *	47.0	76.2	10 500	53.5	78.4	9 400										38.0
40.0	29.6	66.8	8 800 *	38.6	72.0	10 000 *	43.2	74.2	9 800	50.1	76.9	8 700	56.1	78.4	7 700							40.0
42.0	23.6	62.8	8 100 *	34.1	69.3	9 400 *	39.2	72.0	9 100	46.5	75.1	8 200	52.8	77.0	7 200							42.0
44.0	15.6	57.1	7 300 *	29.0	66.0	8 800 *	34.7	69.3	8 500	42.6	73.1	7 600	49.4	75.4	6 700							44.0
46.0				22.8	61.9	8 100 *	29.6	66.1	8 000	38.5	70.7	7 100	45.7	73.5	6 200	51.9	75.1	5 400				46.0
48.0				14.4	56.0	7 300 *	23.6	62.1	7 500	33.9	68.0	6 700	41.8	71.5	5 800	48.4	73.5	5 000				48.0
50.0							15.7	56.5	7 100	28.8	64.7	6 300	37.6	69.0	5 500	44.7	71.6	4 700				50.0
52.0										22.6	60.6	5 900	33.0	66.2	5 100	40.8	69.4	4 400	47.3	71.1	3 700	52.0
54.0										14.0	54.5	5 500	27.7	62.8	4 800	36.5	66.9	4 100	43.5	69.1	3 400	54.0
56.0													21.2	58.4	4 500	31.7	63.9	3 800	39.4	66.9	3 200	56.0
58.0																26.1	60.3	3 600	35.0	64.2	3 000	58.0
60.0																19.2	55.5	3 300	30.0	61.1	2 800	60.0
62.0																			24.1	57.2	2 600	62.0
64.0																			16.3	51.7	2 400	64.0



Liftcrane Luffing Jib Capacities

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

777 SERIES 2

42.7m (140 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
15.2	74.3	89.7	17 900 *																			15.2
16.0	73.3	89.5	17 700 *																			16.0
18.0	70.7	88.8	17 100 *																			18.0
20.0	68.0	88.1	16 200 *																			20.0
22.0	65.3	87.2	15 400 *																			22.0
24.0	62.5	86.2	14 600 *	67.7	87.7	16 200 *																24.0
26.0	59.6	85.1	13 800 *	65.0	86.8	15 400 *																26.0
28.0	56.7	83.9	13 000 *	62.2	85.8	14 700 *	65.3	86.5	15 400													28.0
30.0	53.6	82.5	12 300 *	59.3	84.7	13 900 *	62.5	85.6	14 400													30.0
32.0	50.5	80.9	11 600 *	56.4	83.4	13 200 *	59.7	84.5	13 200													32.0
34.0	47.1	79.2	10 900 *	53.3	82.0	12 400 *	56.7	83.2	12 100	62.1	84.6	10 900										34.0
36.0	43.6	77.2	10 300 *	50.1	80.4	11 600 *	53.7	81.8	11 200	59.2	83.4	10 100										36.0
38.0	39.8	75.0	9 600 *	46.7	78.7	10 700 *	50.5	80.3	10 400	56.3	82.2	9 300										38.0
40.0	35.7	72.4	8 800 *	43.2	76.6	10 000 *	47.2	78.5	9 700	53.2	80.8	8 700										40.0
42.0	31.2	69.4	8 100 *	39.4	74.4	9 300 *	43.6	76.6	9 100	50.0	79.2	8 100	55.7	80.7	7 100							42.0
44.0	26.0	65.7	7 500 *	35.3	71.7	8 700 *	39.9	74.3	8 500	46.6	77.4	7 600	52.6	79.3	6 700							44.0
46.0	19.5	60.9	6 900 *	30.6	68.7	8 100 *	35.8	71.7	8 000	43.1	75.4	7 100	49.3	77.7	6 200							46.0
48.0				25.3	64.9	7 500 *	31.2	68.7	7 500	39.3	73.1	6 600	45.9	75.8	5 800	51.7	77.4	5 000				48.0
50.0				18.6	59.9	6 900 *	26.0	65.1	7 000	35.1	70.5	6 200	42.3	73.8	5 400	48.5	75.8	4 700				50.0
52.0							19.5	60.3	6 600	30.5	67.4	5 900	38.5	71.4	5 100	45.0	73.9	4 400				52.0
54.0										25.1	63.6	5 500	34.2	68.7	4 800	41.4	71.7	4 100				54.0
56.0										18.3	58.5	5 200	29.5	65.5	4 500	37.4	69.3	3 800	43.9	71.4	3 200	56.0
58.0													23.9	61.5	4 200	33.1	66.5	3 600	40.1	69.2	2 900	58.0
60.0													16.7	56.1	4 000	28.2	63.1	3 300	36.1	66.7	2 700	60.0
62.0																22.3	58.9	3 100	31.6	63.7	2 500	62.0
64.0																14.3	52.8	2 900	26.4	60.1	2 400	64.0
66.0																			20.0	55.4	2 200	66.0
68.0																			10.5	48.1	2 000	68.0

Liftcrane Luffing Jib Capacities

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

777 SERIES 2

42.7m (140 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
15.2	75.3	92.9	16 300 *																			15.2
16.0	74.4	92.7	16 100 *																			16.0
18.0	72.0	92.1	15 600 *																			18.0
20.0	69.5	91.4	14 800 *																			20.0
22.0	66.9	90.6	14 000 *																			22.0
24.0	64.4	89.6	13 300 *	69.2	90.9	14 700 *																24.0
26.0	61.7	88.6	12 500 *	66.6	90.1	14 000 *																26.0
28.0	59.0	87.5	11 700 *	64.1	89.2	13 300 *	67.0	89.9	13 900 *													28.0
30.0	56.2	86.2	11 000 *	61.4	88.2	12 500 *	64.4	89.0	13 300 *													30.0
32.0	53.4	84.8	10 300 *	58.7	87.0	11 800 *	61.7	88.0	12 600 *													32.0
34.0	50.4	83.2	9 700 *	55.9	85.7	11 100 *	59.0	86.8	11 900 *													34.0
36.0	47.2	81.5	9 100 *	53.0	84.3	10 400 *	56.3	85.6	11 100 *	61.3	86.9	9 900 *										36.0
38.0	44.0	79.5	8 500 *	50.0	82.7	9 700 *	53.4	84.1	10 300 *	58.6	85.8	9 200 *										38.0
40.0	40.5	77.3	7 900 *	46.9	81.0	9 100 *	50.4	82.6	9 600 *	55.8	84.5	8 500 *										40.0
42.0	36.7	74.8	7 400 *	43.6	79.0	8 500 *	47.3	80.8	8 900 *	52.9	83.1	7 900 *										42.0
44.0	32.6	71.9	6 900 *	40.0	76.7	8 000 *	44.0	78.9	8 300 *	49.9	81.5	7 400 *	55.3	83.1	6 500 *							44.0
46.0	27.9	68.5	6 500 *	36.2	74.2	7 500 *	40.5	76.7	7 800 *	46.8	79.7	6 900 *	52.3	81.6	6 000 *							46.0
48.0	22.3	64.2	6 100 *	32.1	71.2	7 000 *	36.7	74.2	7 300 *	43.5	77.7	6 500 *	49.3	80.0	5 600 *							48.0
50.0	15.0	58.3	5 600 *	27.3	67.7	6 500 *	32.6	71.3	6 900 *	39.9	75.5	6 100 *	46.1	78.2	5 300 *							50.0
52.0				21.6	63.3	6 100 *	27.9	67.8	6 500 *	36.1	72.9	5 700 *	42.8	76.1	4 900 *	48.5	78.1	4 200 *				52.0
54.0				13.9	57.1	5 700 *	22.4	63.6	6 100 *	31.9	69.9	5 300 *	39.2	73.8	4 600 *	45.3	76.2	3 900 *				54.0
56.0							15.1	57.7	5 700 *	27.1	66.4	5 000 *	35.3	71.2	4 300 *	41.9	74.1	3 600 *				56.0
58.0										21.4	62.0	4 700 *	31.0	68.1	4 100 *	38.2	71.7	3 400 *	44.2	73.7	2 800 *	58.0
60.0										13.6	55.6	4 400 *	26.1	64.5	3 800 *	34.3	69.0	3 100 *	40.7	71.6	2 500 *	60.0
62.0													20.1	59.8	3 500 *	29.8	65.8	2 900 *	37.0	69.1	2 400 *	62.0
64.0													11.5	52.7	3 300 *	24.7	61.9	2 700 *	32.9	66.2	2 200 *	64.0
66.0																18.3	56.8	2 500 *	28.2	62.8	2 000 *	66.0
68.0																			22.8	58.6	1 800 *	68.0



Liftcrane Luffing Jib Capacities

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

777 SERIES 2

42.7m (140 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
16.8	74.5	95.6	14 400 *																			16.8
18.0	73.0	95.2	14 200 *																			18.0
20.0	70.7	94.6	13 600 *																			20.0
22.0	68.4	93.8	12 900 *																			22.0
24.0	66.0	93.0	12 100 *																			24.0
26.0	63.5	92.1	11 400 *	68.1	93.4	12 800 *																26.0
28.0	61.0	91.0	10 700 *	65.7	92.6	12 100 *																28.0
30.0	58.5	89.8	10 000 *	63.2	91.6	11 400 *	66.0	92.3	12 100 *													30.0
32.0	55.8	88.5	9 300 *	60.7	90.6	10 700 *	63.5	91.4	11 400 *													32.0
34.0	53.1	87.1	8 700 *	58.2	89.4	10 000 *	61.0	90.3	10 800 *													34.0
36.0	50.3	85.5	8 100 *	55.5	88.1	9 400 *	58.5	89.2	10 100 *													36.0
38.0	47.3	83.8	7 600 *	52.8	86.6	8 800 *	55.8	87.9	9 500 *	60.6	89.3	9 100										38.0
40.0	44.3	81.8	7 000 *	50.0	85.0	8 200 *	53.1	86.5	8 900 *	58.1	88.1	8 400										40.0
42.0	41.0	79.7	6 500 *	47.0	83.3	7 600 *	50.3	84.9	8 300 *	55.4	86.8	7 800										42.0
44.0	37.5	77.2	6 100 *	43.9	81.3	7 100 *	47.4	83.1	7 700 *	52.7	85.4	7 300										44.0
46.0	33.7	74.4	5 600 *	40.6	79.1	6 500 *	44.3	81.2	7 200 *	49.9	83.8	6 800	54.9	85.4	5 900							46.0
48.0	29.5	71.2	5 200 *	37.1	76.6	6 100 *	41.0	79.0	6 700 *	46.9	82.0	6 400	52.1	83.9	5 500							48.0
50.0	24.6	67.3	4 700 *	33.2	73.8	5 600 *	37.5	76.6	6 200 *	43.8	80.0	6 000	49.3	82.3	5 100							50.0
52.0	18.6	62.2	4 200 *	29.0	70.5	5 200 *	33.7	73.8	5 700 *	40.5	77.8	5 600	46.3	80.5	4 800	51.4	82.0	4 100				52.0
54.0				24.0	66.4	4 600 *	29.5	70.5	5 300 *	37.0	75.3	5 200	43.2	78.4	4 500	48.5	80.4	3 800				54.0
56.0				17.8	61.2	4 200 *	24.7	66.6	4 700 *	33.1	72.5	4 900	39.8	76.2	4 200	45.5	78.5	3 500				56.0
58.0							18.7	61.6	4 200 *	28.8	69.1	4 600	36.2	73.6	3 900	42.3	76.4	3 300	47.6	78.0	2 600	58.0
60.0										23.8	65.1	4 300	32.3	70.7	3 700	38.9	74.1	3 000	44.5	76.1	2 400	60.0
62.0										17.6	59.8	4 100	27.9	67.2	3 500	35.3	71.4	2 800	41.2	73.9	2 200	62.0
64.0										7.3	50.7	3 800	22.7	63.0	3 200	31.2	68.4	2 600	37.8	71.5	2 000	64.0
66.0													16.1	57.3	3 000	26.7	64.8	2 400	34.0	68.7	1 900	66.0
68.0																21.2	60.3	2 300				68.0
70.0																13.9	53.9	2 100				70.0

Liftcrane Luffing Jib Capacities

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

777 SERIES 2

45.7m (150 Ft.) Boom, 21.3m (70 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
10.7	68.9	68.6	39 300 *b																			10.7
12.0	65.0	68.1	37 200 *b																			12.0
14.0	59.0	67.0	34 200 *b																			14.0
16.0	52.5	65.6	31 600 *	65.2	67.7	31 400 *b																16.0
18.0	45.3	63.9	28 500 *	59.1	66.7	28 700 *b																18.0
20.0	37.2	61.6	25 000 *	52.6	65.3	25 300 *	60.3	66.5	25 000 b													20.0
22.0	27.1	58.4	21 600 *	45.5	63.6	22 700 *	53.9	65.3	22 200													22.0
24.0				37.3	61.3	20 500 *	47.0	63.6	19 900													24.0
26.0				27.3	58.2	18 600 *	39.1	61.5	18 000	53.8	64.3	16 400										26.0
28.0							29.6	58.5	16 400	46.8	62.7	14 900										28.0
30.0							15.5	53.7	15 000	38.9	60.5	13 700	53.3	63.0	12 400							30.0
32.0										29.3	57.5	12 600	46.3	61.3	11 300							32.0
34.0													38.3	59.1	10 500							34.0
36.0													28.5	56.0	9 700	45.3	59.4	8 700				36.0
38.0													13.4	50.8	9 000	37.1	57.2	8 100				38.0
40.0																27.0	54.0	7 500	43.7	57.1	6 600	40.0
42.0																			35.2	54.7	6 100	42.0
44.0																			24.4	51.2	5 700	44.0



Liftcrane Luffing Jib Capacities

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

777 SERIES 2

45.7m (150 Ft.) Boom, 24.4m (80 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
10.7	71.7	71.9	36 600 *b																			10.7
12.0	68.3	71.4	35 600 *b																			12.0
14.0	63.2	70.5	33 100 *b																			14.0
16.0	57.8	69.4	30 700 *	68.4	71.1	30 400 *b																16.0
18.0	52.0	68.0	28 200 *	63.3	70.2	28 200 *																18.0
20.0	45.8	66.2	24 900 *	57.9	69.0	25 100 *	64.3	70.0	24 900 *													20.0
22.0	38.8	64.0	21 900 *	52.1	67.6	22 400 *	59.0	68.9	22 000													22.0
24.0	30.5	61.1	19 300 *	45.9	65.9	20 200 *	53.3	67.6	19 700													24.0
26.0				39.0	63.7	18 400 *	47.2	65.9	17 900	58.9	68.0	16 200										26.0
28.0				30.7	60.8	16 800 *	40.4	63.8	16 300	53.2	66.6	14 800										28.0
30.0				19.7	56.6	15 400 *	32.5	61.1	14 900	47.1	65.0	13 500										30.0
32.0							22.3	57.3	13 700	40.3	62.9	12 400	52.8	65.3	11 200							32.0
34.0										32.3	60.1	11 500	46.6	63.6	10 300							34.0
36.0										22.0	56.2	10 600	39.7	61.4	9 500							36.0
38.0													31.7	58.7	8 800	45.7	61.7	7 800				38.0
40.0													21.1	54.6	8 200	38.7	59.5	7 300				40.0
42.0																30.5	56.6	6 800	44.4	59.4	5 900	42.0
44.0																19.3	52.3	6 300	37.2	57.1	5 500	44.0
46.0																			28.5	54.0	5 100	46.0
48.0																			16.0	49.1	4 800	48.0



Liftcrane Luffing Jib Capacities

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

777 SERIES 2

45.7m (150 Ft.) Boom, 27.4m (90 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
10.7	73.8	75.1	33 400 *b																			10.7
12.0	70.8	74.6	33 300 *b																			12.0
14.0	66.4	73.9	32 100 *																			14.0
16.0	61.7	72.9	29 900 *																			16.0
18.0	56.8	71.7	27 800 *	66.4	73.5	27 600 *																18.0
20.0	51.7	70.3	24 800 *	61.8	72.6	25 000 *	67.4	73.3	24 700 b													20.0
22.0	46.2	68.5	22 000 *	56.9	71.4	22 300 *	62.8	72.4	21 900													22.0
24.0	40.0	66.4	19 400 *	51.8	69.9	20 100 *	57.9	71.3	19 600													24.0
26.0	33.0	63.7	17 300 *	46.3	68.2	18 200 *	52.9	69.9	17 700	62.6	71.5	16 100										26.0
28.0	24.3	60.0	15 400 *	40.2	66.1	16 600 *	47.4	68.2	16 200	57.8	70.3	14 600										28.0
30.0				33.2	63.4	15 300 *	41.5	66.2	14 800	52.7	68.9	13 400										30.0
32.0				24.5	59.8	14 100 *	34.7	63.6	13 600	47.3	67.3	12 300	57.5	69.0	11 000							32.0
34.0							26.5	60.2	12 600	41.3	65.2	11 400	52.4	67.6	10 100							34.0
36.0							14.5	54.9	11 700	34.5	62.6	10 600	46.9	65.9	9 400							36.0
38.0										26.2	59.2	9 800	40.8	63.8	8 700							38.0
40.0													34.0	61.2	8 100	46.1	64.1	7 200				40.0
42.0													25.5	57.7	7 600	40.0	61.9	6 700				42.0
44.0													12.8	51.9	7 100	33.0	59.2	6 200				44.0
46.0																24.2	55.5	5 800				46.0
48.0																			38.6	59.5	5 000	48.0
50.0																			31.3	56.6	4 700	50.0
																			22.0	52.7	4 300	



Liftcrane Luffing Jib Capacities

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

777 SERIES 2

45.7m (150 Ft.) Boom, 30.5m (100 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
10.7	75.4	78.2	30 800 *b																			10.7
12.0	72.8	77.8	30 600 *b																			12.0
14.0	68.8	77.2	29 600 *																			14.0
16.0	64.8	76.3	28 500 *																			16.0
18.0	60.5	75.3	27 100 *																			18.0
20.0	56.1	74.0	24 600 *	64.8	76.0	24 800 *																20.0
22.0	51.4	72.6	21 800 *	60.6	74.9	22 000 *	65.7	75.8	21 800													22.0
24.0	46.4	70.8	19 400 *	56.2	73.7	19 800 *	61.5	74.8	19 500													24.0
26.0	41.0	68.7	17 300 *	51.5	72.2	18 000 *	57.1	73.6	17 600													26.0
28.0	34.9	66.2	15 500 *	46.5	70.5	16 400 *	52.5	72.2	16 000	61.4	73.9	14 500										28.0
30.0	27.6	62.9	14 000 *	41.1	68.4	15 000 *	47.6	70.5	14 600	57.0	72.7	13 200										30.0
32.0	17.9	58.1	12 400 *	35.0	65.9	13 900 *	42.3	68.5	13 500	52.4	71.2	12 100										32.0
34.0				27.8	62.6	12 800 *	36.3	66.1	12 500	47.5	69.6	11 200	56.7	71.3	10 000							34.0
36.0				18.2	57.9	11 900 *	29.4	63.0	11 500	42.1	67.5	10 400	52.0	69.9	9 200							36.0
38.0							20.4	58.7	10 700	36.2	65.1	9 600	47.1	68.2	8 600							38.0
40.0										29.2	62.0	9 000	41.7	66.1	8 000	51.4	68.1	6 900				40.0
42.0										20.2	57.6	8 400	35.7	63.6	7 400	46.4	66.4	6 500				42.0
44.0													28.6	60.5	6 900	41.0	64.3	6 000				44.0
46.0													19.4	56.0	6 500	34.8	61.7	5 600	45.3	64.1	4 800	46.0
48.0																27.6	58.4	5 300	39.7	61.9	4 500	48.0
50.0																17.8	53.6	4 900	33.4	59.2	4 200	50.0
52.0																			25.8	55.7	3 900	52.0
54.0																			15.0	50.3	3 600	54.0

Liftcrane Luffing Jib Capacities

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

777 SERIES 2

45.7m (150 Ft.) Boom, 33.5m (110 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
12.2	74.1	81.0	28 100 *b																			12.2
14.0	70.8	80.4	27 300 *																			14.0
16.0	67.2	79.6	26 300 *																			16.0
18.0	63.4	78.7	25 100 *																			18.0
20.0	59.5	77.6	23 600 *	67.3	79.3	24 300 *																20.0
22.0	55.5	76.4	21 900 *	63.5	78.4	22 000 *																22.0
24.0	51.2	74.9	19 500 *	59.6	77.3	19 700 *	64.3	78.2	19 400													24.0
26.0	46.7	73.1	17 400 *	55.6	76.0	17 900 *	60.4	77.2	17 600													26.0
28.0	41.8	71.1	15 600 *	51.3	74.5	16 400 *	56.4	75.9	15 900													28.0
30.0	36.4	68.6	14 100 *	46.8	72.8	15 000 *	52.2	74.5	14 600	60.3	76.2	13 200										30.0
32.0	30.1	65.6	12 800 *	41.9	70.8	13 800 *	47.7	72.8	13 500	56.3	75.0	12 100										32.0
34.0	22.4	61.5	11 600 *	36.5	68.3	12 800 *	42.9	70.8	12 400	52.1	73.5	11 200										34.0
36.0				30.2	65.3	11 900 *	37.6	68.5	11 500	47.6	71.9	10 300	56.0	73.7	9 200							36.0
38.0				22.6	61.2	11 100 *	31.6	65.6	10 700	42.8	69.9	9 600	51.8	72.2	8 500							38.0
40.0							24.3	61.8	10 000	37.5	67.5	9 000	47.3	70.5	7 900							40.0
42.0							13.8	56.0	9 300	31.4	64.6	8 400	42.4	68.5	7 400	51.2	70.4	6 400				42.0
44.0										24.1	60.8	7 800	37.1	66.1	6 900	46.6	68.7	6 000				44.0
46.0													31.0	63.1	6 500	41.7	66.6	5 600				46.0
48.0													23.5	59.2	6 100	36.3	64.1	5 200	45.7	66.4	4 400	48.0
50.0													12.4	53.0	5 700	30.1	61.1	4 900	40.7	64.2	4 100	50.0
52.0																22.3	57.0	4 600	35.1	61.7	3 900	52.0
54.0																			28.6	58.4	3 600	54.0
56.0																			20.3	54.0	3 400	56.0



Liftcrane Luffing Jib Capacities

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

777 SERIES 2

45.7m (150 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
12.2	75.4	84.1	22 200 *b																			12.2
14.0	72.5	83.6	21 700 *																			14.0
16.0	69.2	82.9	21 300 *																			16.0
18.0	65.8	82.1	20 800 *																			18.0
20.0	62.3	81.1	20 400 *	69.2	82.6	21 500 *																20.0
22.0	58.7	80.0	19 800 *	65.9	81.8	21 100 *																22.0
24.0	55.0	78.7	18 800 *	62.4	80.8	19 800 *																24.0
26.0	51.0	77.2	17 500 *	58.8	79.7	17 800 *	63.1	80.6	17 400													26.0
28.0	46.9	75.4	15 700 *	55.0	78.4	16 200 *	59.5	79.5	15 800													28.0
30.0	42.4	73.4	14 200 *	51.1	76.9	14 900 *	55.8	78.3	14 500													30.0
32.0	37.5	71.0	12 800 *	47.0	75.1	13 700 *	51.9	76.8	13 300	59.4	78.6	11 900										32.0
34.0	32.1	68.1	11 700 *	42.5	73.1	12 600 *	47.8	75.1	12 300	55.7	77.3	11 000										34.0
36.0	25.5	64.5	10 700 *	37.6	70.7	11 700 *	43.4	73.2	11 400	51.8	75.9	10 100										36.0
38.0	16.9	59.3	9 600 *	32.2	67.9	10 900 *	38.7	70.9	10 600	47.7	74.2	9 400										38.0
40.0				25.7	64.2	10 200 *	33.3	68.1	9 800	43.3	72.2	8 800	51.5	74.5	7 700							40.0
42.0				17.1	59.1	9 500 *	27.1	64.7	9 200	38.5	69.9	8 200	47.4	72.8	7 200							42.0
44.0							19.1	60.0	8 600	33.2	67.1	7 700	43.0	70.8	6 700							44.0
46.0										26.9	63.7	7 200	38.2	68.5	6 300	46.8	71.0	5 400				46.0
48.0										18.9	58.9	6 700	32.8	65.7	5 900	42.4	68.9	5 000				48.0
50.0													26.4	62.1	5 500	37.5	66.5	4 700				50.0
52.0													18.2	57.3	5 200	32.0	63.7	4 400	41.4	66.6	3 600	52.0
54.0																25.5	60.0	4 100	36.4	64.1	3 400	54.0
56.0																16.8	54.8	3 800	30.7	61.1	3 200	56.0
58.0																			23.9	57.2	2 900	58.0
60.0																			14.3	51.4	2 700	60.0

Liftcrane Luffing Jib Capacities

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

777 SERIES 2

45.7m (150 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
13.7	74.3	86.9	20 500 *																			13.7
14.0	73.9	86.8	20 400 *																			14.0
16.0	70.8	86.2	20 000 *																			16.0
18.0	67.8	85.4	19 600 *																			18.0
20.0	64.6	84.5	19 100 *																			20.0
22.0	61.3	83.5	18 200 *	67.8	85.1	19 700 *																22.0
24.0	58.0	82.3	17 300 *	64.7	84.2	19 300 *																24.0
26.0	54.5	81.0	16 500 *	61.4	83.2	17 700 *	65.3	84.0	17 200													26.0
28.0	50.9	79.5	15 600 *	58.1	82.0	16 100 *	62.1	83.0	15 700													28.0
30.0	47.0	77.7	14 100 *	54.6	80.7	14 700 *	58.7	81.9	14 300													30.0
32.0	43.0	75.7	12 800 *	51.0	79.2	13 500 *	55.3	80.6	13 200	62.0	82.1	11 800										32.0
34.0	38.5	73.4	11 700 *	47.1	77.4	12 500 *	51.7	79.1	12 200	58.7	80.9	10 900										34.0
36.0	33.6	70.7	10 600 *	43.0	75.4	11 500 *	47.9	77.4	11 300	55.2	79.6	10 100										36.0
38.0	28.0	67.3	9 700 *	38.6	73.1	10 700 *	43.9	75.5	10 500	51.6	78.2	9 300										38.0
40.0	21.0	62.9	8 900 *	33.7	70.4	10 000 *	39.5	73.2	9 800	47.8	76.5	8 700	55.0	78.3	7 600							40.0
42.0				28.1	67.0	9 300 *	34.7	70.6	9 100	43.8	74.5	8 100	51.3	76.8	7 100							42.0
44.0				21.1	62.7	8 700 *	29.3	67.4	8 500	39.4	72.3	7 600	47.5	75.1	6 600							44.0
46.0							22.7	63.3	8 000	34.6	69.6	7 100	43.5	73.1	6 100	50.8	75.0	5 300				46.0
48.0							13.3	57.1	7 500	29.1	66.4	6 600	39.1	70.8	5 800	47.0	73.3	4 900				48.0
50.0										22.5	62.3	6 200	34.3	68.2	5 400	42.9	71.3	4 600				50.0
52.0													28.7	64.9	5 000	38.5	68.9	4 300	46.2	71.0	3 500	52.0
54.0													21.9	60.7	4 800	33.6	66.2	4 000	42.0	68.9	3 300	54.0
56.0													12.0	54.1	4 500	27.9	62.8	3 800	37.5	66.5	3 000	56.0
58.0																20.9	58.4	3 500	32.5	63.7	2 800	58.0
60.0																			26.6	60.1	2 600	60.0
62.0																			19.1	55.4	2 400	62.0
64.0																			5.6	46.2	2 200	64.0



Liftcrane Luffing Jib Capacities

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

777 SERIES 2

45.7m (150 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
13.7	75.5	90.0	19 100 *																			13.7
14.0	75.1	90.0	19 100 *																			14.0
16.0	72.3	89.4	18 700 *																			16.0
18.0	69.4	88.7	18 300 *																			18.0
20.0	66.5	87.9	17 500 *																			20.0
22.0	63.6	86.9	16 700 *	69.5	88.3	18 200 *																22.0
24.0	60.5	85.9	15 800 *	66.6	87.5	17 700 *																24.0
26.0	57.4	84.7	15 000 *	63.6	86.6	16 900 *	67.2	87.3	17 100													26.0
28.0	54.1	83.3	14 200 *	60.6	85.6	15 900 *	64.2	86.4	15 500													28.0
30.0	50.7	81.8	13 500 *	57.4	84.3	14 500 *	61.2	85.4	14 200													30.0
32.0	47.2	80.0	12 700 *	54.2	83.0	13 300 *	58.1	84.2	13 000													32.0
34.0	43.4	78.1	11 600 *	50.8	81.5	12 200 *	54.9	82.9	12 000	61.1	84.5	10 700										34.0
36.0	39.3	75.8	10 600 *	47.3	79.7	11 300 *	51.5	81.4	11 100	58.0	83.3	9 900										36.0
38.0	34.9	73.1	9 700 *	43.5	77.7	10 500 *	48.0	79.7	10 300	54.8	82.0	9 100										38.0
40.0	29.9	70.0	8 900 *	39.4	75.5	9 800 *	44.3	77.8	9 600	51.4	80.5	8 500										40.0
42.0	23.9	66.0	8 200 *	35.0	72.8	9 100 *	40.3	75.6	9 000	47.9	78.8	7 900	54.5	80.6	6 900							42.0
44.0	16.1	60.6	7 300 *	30.0	69.7	8 500 *	35.9	73.0	8 400	44.2	76.8	7 400	51.2	79.1	6 400							44.0
46.0				24.1	65.8	8 000 *	31.0	70.0	7 900	40.2	74.6	6 900	47.6	77.4	6 000							46.0
48.0				16.3	60.3	7 500 *	25.4	66.3	7 400	35.8	72.1	6 500	43.9	75.4	5 600	50.7	77.3	4 700				48.0
50.0							18.1	61.3	6 900	30.9	69.0	6 100	39.9	73.2	5 200	47.2	75.6	4 400				50.0
52.0										25.2	65.3	5 700	35.5	70.6	4 900	43.4	73.6	4 100				52.0
54.0										17.9	60.2	5 400	30.5	67.5	4 600	39.3	71.3	3 800	46.4	73.3	3 100	54.0
56.0													24.8	63.7	4 300	34.9	68.7	3 600	42.6	71.2	2 900	56.0
58.0													17.3	58.5	4 000	29.8	65.5	3 300	38.4	68.9	2 700	58.0
60.0																23.9	61.6	3 100	33.9	66.2	2 400	60.0
62.0																16.0	56.0	2 900	28.7	62.9	2 300	62.0
64.0																			22.5	58.7	2 100	64.0
66.0																			13.8	52.6	1 900	66.0

Liftcrane Luffing Jib Capacities

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

777 SERIES 2

45.7m (150 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
15.2	74.5	92.8	17 500 *																			15.2
16.0	73.5	92.6	17 300 *																			16.0
18.0	70.8	91.9	16 800 *																			18.0
20.0	68.2	91.2	16 100 *																			20.0
22.0	65.4	90.3	15 300 *																			22.0
24.0	62.7	89.3	14 600 *	68.2	90.8	16 200 *																24.0
26.0	59.8	88.2	13 800 *	65.5	90.0	15 500 *																26.0
28.0	56.9	87.0	13 000 *	62.7	89.0	14 700 *	66.0	89.8	15 300													28.0
30.0	53.8	85.6	12 300 *	59.9	87.9	14 000 *	63.3	88.8	14 100													30.0
32.0	50.6	84.1	11 600 *	56.9	86.7	13 200 *	60.4	87.8	13 000													32.0
34.0	47.3	82.3	11 000 *	53.9	85.3	12 200 *	57.5	86.6	12 000													34.0
36.0	43.8	80.4	10 400 *	50.7	83.8	11 300 *	54.5	85.2	11 100	60.4	86.8	9 800										36.0
38.0	40.0	78.1	9 700 *	47.4	82.0	10 400 *	51.3	83.7	10 300	57.4	85.6	9 100										38.0
40.0	36.0	75.6	8 900 *	43.9	80.1	9 700 *	48.1	82.0	9 600	54.4	84.3	8 500										40.0
42.0	31.5	72.6	8 200 *	40.1	77.8	9 000 *	44.6	80.1	8 900	51.3	82.8	7 900										42.0
44.0	26.3	69.0	7 500 *	36.1	75.3	8 400 *	40.9	77.9	8 300	48.0	81.1	7 400	54.2	82.9	6 300							44.0
46.0	19.9	64.3	6 900 *	31.5	72.3	7 900 *	36.9	75.5	7 800 *	44.5	79.1	6 900	51.0	81.4	5 900							46.0
48.0				26.4	68.7	7 400 *	32.5	72.6	7 300 *	40.8	77.0	6 400	47.7	79.7	5 500							48.0
50.0				20.0	64.0	6 900 *	27.5	69.1	6 900 *	36.8	74.5	6 000	44.2	77.8	5 200	50.6	79.6	4 300				50.0
52.0							21.4	64.7	6 400 *	32.4	71.6	5 700	40.5	75.6	4 900	47.3	77.9	4 100				52.0
54.0							12.9	58.2	6 000 *	27.4	68.1	5 300	36.5	73.1	4 500	43.8	75.9	3 800				54.0
56.0										21.3	63.7	5 000	32.0	70.1	4 300	40.0	73.7	3 500				56.0
58.0													27.0	66.6	4 000	35.9	71.1	3 300	43.0	73.6	2 600	58.0
60.0													20.8	62.1	3 700	31.4	68.1	3 100	39.2	71.3	2 400	60.0
62.0													11.8	55.2	3 500	26.2	64.5	2 800	35.0	68.6	2 200	62.0
64.0																19.8	59.8	2 700	30.4	65.5	2 000	64.0
66.0																			25.0	61.7	1 900	66.0



Liftcrane Luffing Jib Capacities

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

777 SERIES 2

45.7m (150 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
15.2	75.5	95.9	15 700 *																			15.2
16.0	74.5	95.7	15 600 *																			16.0
18.0	72.1	95.1	15 200 *																			18.0
20.0	69.6	94.4	14 700 *																			20.0
22.0	67.1	93.6	14 000 *																			22.0
24.0	64.5	92.7	13 200 *																			24.0
26.0	61.9	91.7	12 500 *	67.1	93.3	14 100 *																26.0
28.0	59.2	90.6	11 800 *	64.5	92.4	13 400 *																28.0
30.0	56.4	89.3	11 000 *	61.9	91.4	12 600 *	65.1	92.2	13 400 *													30.0
32.0	53.5	87.9	10 400 *	59.2	90.3	11 900 *	62.4	91.2	12 700 *													32.0
34.0	50.5	86.4	9 700 *	56.4	89.0	11 200 *	59.8	90.1	11 800													34.0
36.0	47.4	84.6	9 100 *	53.6	87.6	10 600 *	57.0	88.9	10 900													36.0
38.0	44.1	82.7	8 500 *	50.6	86.1	9 900 *	54.2	87.5	10 100	59.7	89.2	8 900										38.0
40.0	40.6	80.5	8 000 *	47.5	84.3	9 300 *	51.2	86.0	9 400 *	56.9	88.0	8 300										40.0
42.0	36.9	78.0	7 500 *	44.2	82.4	8 700 *	48.1	84.3	8 700 *	54.1	86.6	7 700										42.0
44.0	32.8	75.1	7 000 *	40.7	80.2	8 100 *	44.9	82.4	8 200 *	51.1	85.1	7 200										44.0
46.0	28.1	71.7	6 600 *	37.0	77.7	7 600 *	41.4	80.3	7 600 *	48.0	83.4	6 700	53.9	85.2	5 700							46.0
48.0	22.7	67.5	6 200 *	32.9	74.8	7 100 *	37.8	77.9	7 100 *	44.8	81.5	6 300	50.9	83.7	5 300							48.0
50.0	15.5	61.7	5 700 *	28.2	71.5	6 700 *	33.7	75.1	6 600 *	41.4	79.3	5 900	47.8	82.0	5 000							50.0
52.0				22.8	67.3	6 300 *	29.2	71.8	6 200 *	37.7	76.9	5 500	44.6	80.1	4 700	50.5	81.9	3 900				52.0
54.0				15.6	61.5	5 900 *	24.0	67.8	5 900 *	33.6	74.1	5 200	41.1	77.9	4 400	47.4	80.2	3 600				54.0
56.0							17.3	62.5	5 500 *	29.1	70.8	4 900	37.4	75.5	4 100	44.1	78.2	3 400				56.0
58.0										23.8	66.8	4 600	33.3	72.6	3 800	40.6	76.0	3 100	46.7	77.9	2 400	58.0
60.0										17.1	61.5	4 300	28.8	69.3	3 600	36.9	73.5	2 900	43.4	75.9	2 200	60.0
62.0													23.4	65.2	3 400	32.7	70.7	2 700	39.9	73.6	2 000	62.0
64.0													16.5	59.7	3 100	28.1	67.3	2 500	36.0	71.1	1 900	64.0
66.0																22.6	63.0	2 300				66.0
68.0																15.4	57.2	2 100				68.0

Liftcrane Luffing Jib Capacities

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

777 SERIES 2

45.7m (150 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
16.8	74.6	98.7	13 400 *																16.8
18.0	73.2	98.3	12 900 *																18.0
20.0	70.8	97.7	12 200 *																20.0
22.0	68.5	96.9	11 500 *																22.0
24.0	66.1	96.1	10 800 *																24.0
26.0	63.6	95.2	10 200 *	68.5	96.6	11 600 *													26.0
28.0	61.2	94.1	9 600 *	66.1	95.8	11 000 *													28.0
30.0	58.6	93.0	8 900 *	63.7	94.8	10 300 *													30.0
32.0	56.0	91.7	8 400 *	61.2	93.8	9 700 *	64.2	94.7	10 400 *										32.0
34.0	53.3	90.2	7 800 *	58.6	92.6	9 100 *	61.7	93.6	9 800 *										34.0
36.0	50.4	88.7	7 300 *	56.0	91.3	8 500 *	59.2	92.5	9 200 *										36.0
38.0	47.5	86.9	6 800 *	53.3	89.9	8 000 *	56.6	91.2	8 700 *										38.0
40.0	44.4	85.0	6 300 *	50.5	88.4	7 400 *	53.9	89.9	8 100 *	59.1	91.6	8 200							40.0
42.0	41.2	82.8	5 900 *	47.6	86.6	6 900 *	51.1	88.3	7 600 *	56.5	90.3	7 600							42.0
44.0	37.7	80.4	5 500 *	44.5	84.7	6 400 *	48.2	86.6	7 100 *	53.8	88.9	7 100							44.0
46.0	33.9	77.6	5 100 *	41.2	82.5	6 000 *	45.1	84.7	6 600 *	51.0	87.4	6 600	56.3	89.0	5 700				46.0
48.0	29.7	74.4	4 600 *	37.8	80.1	5 600 *	41.9	82.6	6 100 *	48.1	85.7	6 200	53.6	87.6	5 300				48.0
50.0	24.9	70.5	4 200 *	34.0	77.3	5 200 *	38.5	80.3	5 700 *	45.0	83.8	5 800	50.8	86.0	4 900				50.0
52.0	19.0	65.6	3 800 *	29.8	74.1	4 700 *	34.8	77.6	5 300 *	41.8	81.7	5 400	47.9	84.3	4 500				52.0
54.0				25.0	70.3	4 300 *	30.7	74.5	4 800 *	38.4	79.3	5 100	44.8	82.4	4 300	50.4	84.2	3 500	54.0
56.0				19.1	65.3	3 800 *	26.0	70.7	4 400 *	34.7	76.6	4 800	41.6	80.3	4 000	47.5	82.5	3 200	56.0
58.0							20.4	66.1	3 900 *	30.6	73.5	4 500	38.1	77.9	3 700	44.4	80.5	3 000	58.0
60.0							12.6	59.3	3 500 *	25.9	69.7	4 200	34.4	75.1	3 500	41.1	78.4	2 800	60.0
62.0										20.3	65.0	3 900	30.3	72.0	3 300	37.7	75.9	2 600	62.0
64.0										12.4	58.2	3 600 *	25.5	68.2	3 000	33.9	73.2	2 400	64.0
66.0													19.8	63.4	2 800	29.7	69.9	2 200	66.0
68.0													11.6	56.3	2 600	24.9	66.1	2 000	68.0
70.0																18.9	61.1	1 900	70.0



Liftcrane Luffing Jib Capacities

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

777 SERIES 2

48.8m (160 Ft.) Boom, 21.3m (70 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
10.7	69.2	71.7	37 700 *b																			10.7
12.0	65.4	71.2	35 700 *b																			12.0
14.0	59.3	70.1	33 000 *b																			14.0
16.0	52.8	68.8	30 600 *	66.3	70.9	30 100 *b																16.0
18.0	45.7	67.1	28 000 *	60.2	69.9	27 800 *b																18.0
20.0	37.6	64.8	24 800 *	53.8	68.6	24 800 *	62.0	69.8	24 600 *b													20.0
22.0	27.7	61.7	21 900 *	46.9	67.0	22 100 *	55.7	68.6	21 900													22.0
24.0	11.7	56.1	16 500 *	39.0	64.8	20 000 *	48.9	67.1	19 700													24.0
26.0				29.4	61.9	18 200 *	41.3	65.1	17 800	56.4	67.8	16 100										26.0
28.0							32.3	62.4	16 200	49.6	66.3	14 600										28.0
30.0							20.1	58.4	14 900	42.1	64.4	13 400										30.0
32.0										33.4	61.8	12 300	50.0	65.1	11 000							32.0
34.0										21.7	57.9	11 400	42.6	63.2	10 100							34.0
36.0													33.9	60.6	9 400							36.0
38.0													22.5	56.9	8 700	42.5	61.5	7 600				38.0
40.0																33.8	58.9	7 100				40.0
42.0																22.4	55.2	6 600	41.8	59.2	5 700	42.0
44.0																			32.9	56.6	5 300	44.0
46.0																			21.1	52.7	4 900	46.0

Liftcrane Luffing Jib Capacities

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

777 SERIES 2

48.8m (160 Ft.) Boom, 24.4m (80 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
10.7	71.9	75.0	35 200 *b																			10.7
12.0	68.6	74.5	34 300 *b																			12.0
14.0	63.5	73.6	32 000 *b																			14.0
16.0	58.1	72.5	29 800 *																			16.0
18.0	52.4	71.1	27 600 *	64.3	73.4	27 200 *																18.0
20.0	46.1	69.4	24 500 *	58.9	72.3	24 500 *	65.7	73.2	24 300 *b													20.0
22.0	39.2	67.2	21 900 *	53.2	70.9	21 900 *	60.4	72.2	21 700 *													22.0
24.0	31.0	64.3	19 500 *	47.1	69.3	19 700 *	54.9	71.0	19 500													24.0
26.0	20.1	60.2	17 000 *	40.3	67.2	17 900 *	48.9	69.4	17 700	61.0	71.4	15 900										26.0
28.0				32.4	64.5	16 400 *	42.3	67.4	16 100	55.5	70.1	14 400										28.0
30.0				22.1	60.6	15 000 *	34.8	64.9	14 700	49.6	68.6	13 200										30.0
32.0							25.4	61.5	13 500	43.0	66.7	12 200	55.8	68.9	10 800							32.0
34.0										35.6	64.3	11 200	49.9	67.4	9 900							34.0
36.0										26.5	60.9	10 400	43.4	65.5	9 200							36.0
38.0										12.3	55.3	9 600	36.1	63.1	8 600							38.0
40.0													27.1	59.8	8 000	43.4	63.8	6 900				40.0
42.0													13.5	54.4	7 400	36.0	61.4	6 400				42.0
44.0																27.0	58.1	6 000	42.7	61.6	5 100	44.0
46.0																			35.3	59.1	4 800	46.0
48.0																			26.0	55.7	4 400	48.0
50.0																			11.3	49.8	4 100	50.0



Liftcrane Luffing Jib Capacities

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

777 SERIES 2

48.8m (160 Ft.) Boom, 27.4m (90 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
10.7	74.0	78.1	32 300 *b																			10.7
12.0	71.1	77.7	32 200 *b																			12.0
14.0	66.6	76.9	30 900 *b																			14.0
16.0	62.0	76.0	28 900 *																			16.0
18.0	57.1	74.8	27 000 *	67.3	76.7	26 500 *																18.0
20.0	52.0	73.4	24 400 *	62.7	75.8	24 400 *																20.0
22.0	46.5	71.7	21 700 *	57.9	74.6	21 700 *	64.0	75.7	21 500 *													22.0
24.0	40.4	69.5	19 500 *	52.8	73.3	19 500 *	59.2	74.6	19 400													24.0
26.0	33.4	66.9	17 400 *	47.3	71.6	17 700 *	54.2	73.3	17 500													26.0
28.0	24.8	63.3	15 600 *	41.4	69.5	16 200 *	48.9	71.7	15 900	59.7	73.7	14 300										28.0
30.0	11.4	57.2	12 600 *	34.6	67.0	14 900 *	43.1	69.8	14 600	54.8	72.5	13 100										30.0
32.0				26.3	63.6	13 700 *	36.6	67.4	13 500	49.5	70.9	12 000										32.0
34.0							28.8	64.2	12 400	43.7	69.0	11 100	55.1	71.2	9 800							34.0
36.0							18.4	59.7	11 500	37.3	66.7	10 300	49.8	69.7	9 100							36.0
38.0										29.7	63.7	9 600	44.1	67.8	8 400							38.0
40.0										19.7	59.3	8 900	37.7	65.5	7 800	49.7	68.0	6 800				40.0
42.0													30.2	62.5	7 300	44.0	66.1	6 300				42.0
44.0													20.4	58.3	6 800	37.6	63.8	5 900				44.0
46.0																30.1	60.8	5 500	43.5	63.9	4 600	46.0
48.0																20.3	56.6	5 100	37.0	61.5	4 300	48.0
50.0																			29.3	58.5	4 000	50.0
52.0																			19.2	54.0	3 700	52.0

Liftcrane Luffing Jib Capacities

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

777 SERIES 2

48.8m (160 Ft.) Boom, 30.5m (100 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
10.7	75.6	81.3	29 800 * ^b																			10.7
12.0	73.0	80.9	29 700 * ^b																			12.0
14.0	69.1	80.2	28 700 *																			14.0
16.0	65.0	79.4	27 100 *																			16.0
18.0	60.7	78.4	25 500 *																			18.0
20.0	56.3	77.1	23 800 *	65.6	79.2	24 000 *																20.0
22.0	51.7	75.7	21 600 *	61.4	78.2	21 500 *																22.0
24.0	46.7	74.0	19 400 *	57.0	77.0	19 300 *	62.6	78.1	19 200 *													24.0
26.0	41.3	71.9	17 400 *	52.4	75.6	17 500 *	58.3	76.9	17 300													26.0
28.0	35.2	69.4	15 600 *	47.5	73.9	16 000 *	53.7	75.6	15 800													28.0
30.0	28.1	66.1	14 100 *	42.2	71.9	14 700 *	48.9	74.0	14 500	58.7	76.1	12 900										30.0
32.0	18.6	61.5	12 500 *	36.2	69.4	13 500 *	43.7	72.1	13 300	54.2	74.8	11 800										32.0
34.0				29.3	66.3	12 500 *	38.0	69.8	12 300	49.4	73.2	10 900										34.0
36.0				20.3	62.0	11 600 *	31.3	66.9	11 400	44.3	71.3	10 100	54.5	73.5	8 900							36.0
38.0							23.1	63.0	10 600	38.6	69.1	9 400	49.7	72.0	8 200							38.0
40.0										32.1	66.2	8 800	44.6	70.1	7 600							40.0
42.0										24.1	62.5	8 200	38.9	67.9	7 100	49.7	70.3	6 100				42.0
44.0										11.9	56.4	7 600	32.5	65.1	6 700	44.5	68.4	5 700				44.0
46.0													24.6	61.4	6 200	38.9	66.2	5 300				46.0
48.0													12.9	55.5	5 800	32.4	63.4	4 900	44.0	66.2	4 100	48.0
50.0																24.5	59.7	4 600	38.3	63.9	3 800	50.0
52.0																			31.8	61.1	3 600	52.0
54.0																			23.7	57.3	3 300	54.0
56.0																			11.1	50.9	3 000	56.0



Liftcrane Luffing Jib Capacities

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

777 SERIES 2

48.8m (160 Ft.) Boom, 33.5m (110 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
12.2	74.3	84.0	23 200 *b																			12.2
14.0	71.0	83.5	22 600 *																			14.0
16.0	67.4	82.7	22 200 *																			16.0
18.0	63.6	81.8	21 700 *																			18.0
20.0	59.7	80.7	21 200 *	67.9	82.5	22 500 *																20.0
22.0	55.7	79.5	20 300 *	64.2	81.6	21 300 *																22.0
24.0	51.5	78.0	18 900 *	60.3	80.5	19 500 *	65.3	81.5	19 100													24.0
26.0	46.9	76.3	17 600 *	56.3	79.3	17 600 *	61.4	80.5	17 300													26.0
28.0	42.1	74.2	15 900 *	52.1	77.9	16 000 *	57.5	79.3	15 800													28.0
30.0	36.7	71.8	14 300 *	47.6	76.2	14 700 *	53.3	77.9	14 400													30.0
32.0	30.5	68.8	13 000 *	42.8	74.2	13 500 *	48.9	76.3	13 300	57.9	78.4	11 800										32.0
34.0	22.9	64.8	11 800 *	37.5	71.8	12 500 *	44.2	74.4	12 200	53.8	77.1	10 900										34.0
36.0	11.2	58.3	9 800 *	31.5	68.9	11 600 *	39.1	72.1	11 400	49.4	75.5	10 100										36.0
38.0				24.2	65.1	10 800 *	33.3	69.4	10 600	44.7	73.6	9 400	54.0	75.8	8 200							38.0
40.0							26.4	65.9	9 800	39.6	71.4	8 700	49.6	74.3	7 600							40.0
42.0							17.2	60.9	9 200	33.9	68.8	8 200	45.0	72.4	7 100							42.0
44.0										27.2	65.4	7 600	39.9	70.2	6 600	49.6	72.6	5 700				44.0
46.0										18.4	60.6	7 100	34.3	67.6	6 200	44.9	70.7	5 200				46.0
48.0													27.6	64.3	5 800	39.9	68.5	4 900				48.0
50.0													19.0	59.6	5 400	34.2	65.9	4 600	44.5	68.5	3 800	50.0
52.0																27.5	62.5	4 300	39.4	66.3	3 500	52.0
54.0																18.9	57.9	4 000	33.6	63.6	3 300	54.0
56.0																			26.9	60.2	3 000	56.0
58.0																			17.9	55.3	2 800	58.0

Liftcrane Luffing Jib Capacities

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

777 SERIES 2

48.8m (160 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
12.2	75.6	87.2	21 800 *b																			12.2
14.0	72.7	86.7	21 300 *																			14.0
16.0	69.4	86.0	20 900 *																			16.0
18.0	66.0	85.2	20 500 *																			18.0
20.0	62.5	84.2	20 000 *	69.9	85.7	21 100 *																20.0
22.0	58.9	83.1	19 000 *	66.5	84.9	20 600 *																22.0
24.0	55.2	81.8	17 900 *	63.0	84.0	19 200 *																24.0
26.0	51.2	80.3	16 700 *	59.4	82.9	17 300 *	64.0	83.9	17 200													26.0
28.0	47.1	78.6	15 600 *	55.7	81.6	15 800 *	60.5	82.8	15 600													28.0
30.0	42.7	76.6	14 300 *	51.9	80.2	14 500 *	56.8	81.6	14 300													30.0
32.0	37.8	74.2	12 900 *	47.8	78.5	13 300 *	53.0	80.2	13 100	60.8	82.0	11 600										32.0
34.0	32.4	71.4	11 800 *	43.4	76.5	12 300 *	48.9	78.6	12 100	57.2	80.8	10 700										34.0
36.0	25.9	67.8	10 700 *	38.6	74.2	11 400 *	44.6	76.7	11 200	53.4	79.4	9 900										36.0
38.0	17.4	62.7	9 600 *	33.2	71.5	10 600 *	40.0	74.5	10 400	49.4	77.8	9 200										38.0
40.0				27.0	68.0	9 800 *	34.8	71.9	9 700	45.1	76.0	8 500	53.6	78.2	7 400							40.0
42.0				19.0	63.3	9 200 *	28.9	68.7	9 100	40.5	73.8	8 000	49.6	76.6	6 900							42.0
44.0							21.5	64.4	8 500 *	35.4	71.2	7 500	45.3	74.7	6 400							44.0
46.0										29.5	68.1	7 000	40.7	72.6	6 000	49.6	74.9	5 100				46.0
48.0										22.4	64.0	6 500	35.7	70.1	5 600	45.3	73.0	4 700				48.0
50.0										11.7	57.4	6 100	29.9	67.0	5 300	40.7	70.9	4 400				50.0
52.0													22.8	62.9	5 000	35.6	68.4	4 100	44.9	70.8	3 300	52.0
54.0													12.5	56.6	4 600	29.8	65.2	3 800	40.3	68.7	3 100	54.0
56.0																22.8	61.2	3 600	35.1	66.1	2 900	56.0
58.0																			29.3	62.9	2 700	58.0
60.0																			22.0	58.7	2 400	60.0
62.0																			10.9	52.0	2 300	62.0



Liftcrane Luffing Jib Capacities

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

777 SERIES 2

48.8m (160 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
13.7	74.5	90.0	20 100 *																			13.7
14.0	74.0	89.9	20 000 *																			14.0
16.0	71.0	89.2	19 600 *																			16.0
18.0	67.9	88.5	19 200 *																			18.0
20.0	64.8	87.6	18 600 *																			20.0
22.0	61.5	86.6	17 700 *	68.4	88.2	19 400 *																22.0
24.0	58.2	85.4	16 700 *	65.2	87.4	18 900 *																24.0
26.0	54.7	84.1	15 800 *	62.0	86.4	17 200 *	66.1	87.2	17 000 *													26.0
28.0	51.1	82.6	14 900 *	58.7	85.3	15 600 *	62.9	86.3	15 400 *													28.0
30.0	47.3	80.9	13 900 *	55.2	84.0	14 300 *	59.6	85.2	14 100 *													30.0
32.0	43.2	78.9	12 900 *	51.6	82.5	13 200 *	56.2	83.9	13 000 *													32.0
34.0	38.8	76.6	11 700 *	47.8	80.8	12 100 *	52.7	82.5	12 000 *	60.0	84.4	10 600										34.0
36.0	33.9	73.9	10 700 *	43.8	78.8	11 200 *	48.9	80.9	11 100 *	56.6	83.1	9 800										36.0
38.0	28.3	70.5	9 800 *	39.5	76.6	10 400 *	45.0	79.0	10 300 *	53.0	81.7	9 100										38.0
40.0	21.4	66.2	9 000 *	34.7	73.9	9 700 *	40.7	76.9	9 600 *	49.3	80.1	8 500	56.8	81.9	7 300							40.0
42.0	11.0	59.3	7 500 *	29.2	70.7	9 000 *	36.1	74.3	8 900 *	45.4	78.3	7 900	53.2	80.5	6 800							42.0
44.0				22.6	66.6	8 400 *	30.8	71.3	8 300 *	41.2	76.1	7 400	49.5	78.9	6 300							44.0
46.0							24.6	67.5	7 800 *	36.6	73.7	6 900	45.6	77.0	5 900							46.0
48.0							16.3	62.1	7 300 *	31.4	70.7	6 500	41.4	74.9	5 500	49.5	77.2	4 600				48.0
50.0										25.3	67.0	6 000	36.8	72.5	5 200	45.6	75.3	4 300				50.0
52.0										17.4	61.9	5 700	31.7	69.5	4 800	41.4	73.2	4 000				52.0
54.0													25.7	65.9	4 500	36.8	70.8	3 700	45.2	73.2	3 000	54.0
56.0													17.9	60.9	4 200	31.7	67.8	3 500	41.0	71.0	2 700	56.0
58.0																25.6	64.2	3 300	36.4	68.5	2 500	58.0
60.0																17.8	59.2	3 000	31.1	65.5	2 300	60.0
62.0																			25.0	61.8	2 200	62.0
64.0																			16.9	56.6	2 000	64.0

Liftcrane Luffing Jib Capacities

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

777 SERIES 2

48.8m (160 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
13.7	75.6	93.1	18 800 *																			13.7
14.0	75.2	93.0	18 700 *																			14.0
16.0	72.4	92.5	18 300 *																			16.0
18.0	69.6	91.8	17 700 *																			18.0
20.0	66.7	91.0	17 000 *																			20.0
22.0	63.7	90.0	16 300 *	70.0	91.5	18 000 *																22.0
24.0	60.7	89.0	15 600 *	67.1	90.7	17 600 *																24.0
26.0	57.6	87.8	14 800 *	64.2	89.8	16 900 *																26.0
28.0	54.3	86.4	14 000 *	61.1	88.8	15 400 *	65.0	89.7	15 200 *													28.0
30.0	50.9	84.9	13 200 *	58.0	87.6	14 100 *	62.0	88.7	13 900 *													30.0
32.0	47.4	83.2	12 500 *	54.8	86.3	12 900 *	58.9	87.6	12 700 *													32.0
34.0	43.6	81.2	11 700 *	51.5	84.8	11 900 *	55.7	86.3	11 700 *	62.3	87.8	10 400										34.0
36.0	39.6	79.0	10 700 *	47.9	83.1	11 000 *	52.4	84.8	10 800 *	59.2	86.7	9 600										36.0
38.0	35.1	76.3	9 700 *	44.2	81.2	10 200 *	48.9	83.2	10 100 *	56.1	85.5	8 900										38.0
40.0	30.2	73.2	8 900 *	40.2	79.0	9 500 *	45.3	81.3	9 300 *	52.8	84.0	8 300										40.0
42.0	24.3	69.3	8 200 *	35.8	76.4	8 800 *	41.4	79.2	8 700 *	49.3	82.4	7 700	56.2	84.2	6 600							42.0
44.0	16.6	64.0	7 400 *	31.0	73.4	8 200 *	37.1	76.8	8 100 *	45.7	80.6	7 200	53.0	82.8	6 100							44.0
46.0				25.3	69.6	7 700 *	32.4	73.9	7 600 *	41.8	78.5	6 700	49.5	81.2	5 700							46.0
48.0				18.0	64.6	7 200 *	27.0	70.4	7 100 *	37.6	76.1	6 300	45.9	79.4	5 300							48.0
50.0							20.3	65.8	6 600 *	32.9	73.2	5 900	42.0	77.3	5 000	49.5	79.5	4 100				50.0
52.0										27.6	69.8	5 500	37.8	74.9	4 600	45.8	77.7	3 800				52.0
54.0										21.1	65.4	5 200	33.2	72.1	4 300	42.0	75.6	3 500				54.0
56.0										11.5	58.5	4 900	27.9	68.7	4 100	37.8	73.2	3 300	45.5	75.5	2 500	56.0
58.0													21.5	64.3	3 800	33.1	70.4	3 100	41.6	73.4	2 300	58.0
60.0													12.2	57.7	3 600	27.8	67.0	2 800	37.4	70.9	2 100	60.0
62.0																21.4	62.6	2 600	32.7	68.1	2 000	62.0
64.0																12.1	56.0	2 400	27.3	64.6	1 800	64.0



Liftcrane Luffing Jib Capacities

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

777 SERIES 2

48.8m (160 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
15.2	74.6	95.9	16 700 *																			15.2
16.0	73.6	95.6	16 600 *																			16.0
18.0	71.0	95.0	16 100 *																			18.0
20.0	68.3	94.3	15 600 *																			20.0
22.0	65.6	93.4	15 000 *																			22.0
24.0	62.8	92.4	14 400 *	68.7	94.0	16 200 *																24.0
26.0	59.9	91.3	13 800 *	66.0	93.2	15 500 *																26.0
28.0	57.0	90.1	13 000 *	63.2	92.2	14 800 *	66.8	93.0	15 000 *													28.0
30.0	54.0	88.7	12 300 *	60.4	91.2	14 000 *	64.0	92.1	13 800 *													30.0
32.0	50.8	87.2	11 700 *	57.5	90.0	12 800 *	61.2	91.1	12 700 *													32.0
34.0	47.5	85.5	11 000 *	54.4	88.6	11 800 *	58.3	89.9	11 600 *													34.0
36.0	44.0	83.5	10 400 *	51.3	87.1	10 900 *	55.3	88.6	10 700 *	61.5	90.2	9 600										36.0
38.0	40.3	81.3	9 700 *	48.0	85.4	10 100 *	52.2	87.1	10 000 *	58.6	89.1	8 800										38.0
40.0	36.2	78.8	9 000 *	44.5	83.5	9 400 *	48.9	85.5	9 300 *	55.6	87.8	8 200										40.0
42.0	31.7	75.8	8 200 *	40.8	81.3	8 800 *	45.5	83.6	8 600 *	52.5	86.3	7 700										42.0
44.0	26.6	72.2	7 600 *	36.8	78.8	8 200 *	41.9	81.5	8 000 *	49.3	84.7	7 100	55.8	86.5	6 100							44.0
46.0	20.2	67.6	7 000 *	32.4	75.9	7 600 *	38.0	79.2	7 500 *	45.9	82.9	6 600	52.7	85.1	5 700							46.0
48.0	10.9	60.4	5 900 *	27.4	72.4	7 200 *	33.7	76.4	7 000 *	42.3	80.8	6 200	49.5	83.5	5 300							48.0
50.0				28.9	73.1	6 600 *	38.4	78.5	6 600 *	38.4	78.5	5 800	46.1	81.7	4 900							50.0
52.0				21.3	68.0	6 700 *	23.2	69.0	6 200 *	34.2	75.7	5 500	42.5	79.6	4 600	49.4	81.8	3 700				52.0
54.0							15.6	63.3	5 800 *	29.4	72.5	5 200	38.6	77.3	4 300	46.1	80.0	3 500				54.0
56.0										23.8	68.5	4 900	34.4	74.6	4 000	42.5	77.9	3 300				56.0
58.0										16.6	63.1	4 600	29.7	71.4	3 800	38.6	75.6	3 000	45.7	77.8	2 300	58.0
60.0													24.2	67.4	3 600	34.4	72.9	2 800	42.1	75.7	2 100	60.0
62.0													17.1	62.1	3 300	29.7	69.7	2 600	38.2	73.3	1 900	62.0
64.0													1.2	49.7	3 100	24.1	65.7	2 400	34.0	70.6	1 800	64.0
66.0																17.0	60.4	2 200				66.0

Liftcrane Luffing Jib Capacities

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

777 SERIES 2

48.8m (160 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
15.2	75.6	99.0	15 100 *																15.2
16.0	74.7	98.8	15 000 *																16.0
18.0	72.2	98.2	14 600 *																18.0
20.0	69.7	97.5	14 200 *																20.0
22.0	67.2	96.7	13 700 *																22.0
24.0	64.6	95.8	13 200 *																24.0
26.0	62.0	94.8	12 500 *	67.6	96.5	14 100 *													26.0
28.0	59.3	93.7	11 800 *	65.0	95.6	13 400 *													28.0
30.0	56.5	92.5	11 100 *	62.4	94.6	12 700 *	65.7	95.5	13 400 *										30.0
32.0	53.7	91.1	10 400 *	59.7	93.5	12 100 *	63.1	94.5	12 400 *										32.0
34.0	50.7	89.5	9 800 *	57.0	92.3	11 400 *	60.5	93.4	11 400 *										34.0
36.0	47.6	87.8	9 100 *	54.1	90.9	10 700 *	57.7	92.2	10 500 *										36.0
38.0	44.3	85.8	8 600 *	51.2	89.4	9 900 *	54.9	90.9	9 700 *	60.8	92.6	8 600							38.0
40.0	40.8	83.7	8 000 *	48.1	87.7	9 200 *	52.0	89.4	9 000 *	58.0	91.4	8 000							40.0
42.0	37.1	81.2	7 500 *	44.8	85.8	8 500 *	48.9	87.8	8 400 *	55.2	90.1	7 500							42.0
44.0	33.0	78.3	7 100 *	41.4	83.6	7 900 *	45.7	85.9	7 800 *	52.3	88.6	7 000							44.0
46.0	28.4	75.0	6 600 *	37.7	81.2	7 400 *	42.4	83.9	7 300 *	49.3	87.0	6 500	55.4	88.9	5 500				46.0
48.0	23.0	70.8	6 200 *	33.7	78.4	6 900 *	38.8	81.5	6 800 *	46.1	85.2	6 100	52.5	87.4	5 100				48.0
50.0	15.9	65.2	5 700 *	29.2	75.2	6 500 *	34.8	78.9	6 400 *	42.7	83.1	5 700	49.4	85.8	4 800				50.0
52.0				23.9	71.2	6 100 *	30.5	75.7	5 900 *	39.1	80.8	5 300	46.3	84.0	4 400	52.4	85.7	3 600	52.0
54.0				17.2	65.8	5 700 *	25.5	72.0	5 600 *	35.3	78.2	5 000	42.9	81.9	4 100	49.4	84.1	3 300	54.0
56.0							19.3	67.1	5 200 *	31.0	75.1	4 700	39.4	79.6	3 900	46.2	82.3	3 100	56.0
58.0										26.0	71.5	4 400	35.5	77.0	3 600	42.9	80.2	2 800	58.0
60.0										20.0	66.7	4 100	31.2	74.0	3 400	39.3	77.9	2 600	60.0
62.0										11.3	59.6	3 900	26.3	70.4	3 100	35.4	75.3	2 400	62.0
64.0													20.4	65.7	2 900	31.2	72.3	2 300	64.0
66.0													12.0	58.8	2 700	26.3	68.6	2 100	66.0
68.0																20.3	64.0	1 900	68.0



Liftcrane Luffing Jib Capacities

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

777 SERIES 2

48.8m (160 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
16.8	74.7	101.8	13 300 *																16.8
18.0	73.3	101.4	12 900 *																18.0
20.0	71.0	100.8	12 200 *																20.0
22.0	68.6	100.0	11 500 *																22.0
24.0	66.2	99.2	10 900 *																24.0
26.0	63.8	98.3	10 200 *	69.0	99.8	11 700 *													26.0
28.0	61.3	97.2	9 600 *	66.6	99.0	11 100 *													28.0
30.0	58.7	96.1	9 000 *	64.2	98.0	10 400 *													30.0
32.0	56.1	94.8	8 400 *	61.7	97.0	9 800 *	64.8	97.9	10 600 *										32.0
34.0	53.4	93.4	7 900 *	59.1	95.9	9 200 *	62.4	96.9	10 000 *										34.0
36.0	50.6	91.8	7 400 *	56.5	94.6	8 600 *	59.8	95.8	9 400 *										36.0
38.0	47.7	90.1	6 900 *	53.8	93.2	8 100 *	57.3	94.6	8 900 *										38.0
40.0	44.6	88.2	6 400 *	51.0	91.7	7 600 *	54.6	93.2	8 300 *	60.1	95.0	7 900							40.0
42.0	41.4	86.0	5 900 *	48.1	90.0	7 000 *	51.8	91.7	7 800 *	57.5	93.8	7 400							42.0
44.0	37.9	83.6	5 500 *	45.1	88.1	6 600 *	48.9	90.1	7 300 *	54.9	92.4	6 900							44.0
46.0	34.1	80.8	5 200 *	41.9	86.0	6 100 *	45.9	88.2	6 800 *	52.1	90.9	6 400							46.0
48.0	30.0	77.6	4 700 *	38.4	83.6	5 700 *	42.8	86.2	6 300 *	49.3	89.3	6 000	55.0	91.2	5 000				48.0
50.0	25.2	73.8	4 200 *	34.7	80.9	5 300 *	39.4	83.9	5 900 *	46.3	87.5	5 600	52.3	89.7	4 600				50.0
52.0	19.3	68.9	3 800 *	30.6	77.8	4 900 *	35.8	81.3	5 400 *	43.1	85.5	5 200	49.4	88.1	4 300				52.0
54.0	10.8	61.5	3 400 *	26.0	74.1	4 400 *	31.8	78.3	5 100 *	39.8	83.2	4 900	46.4	86.3	4 000				54.0
56.0				20.3	69.4	3 900 *	27.3	74.8	4 500 *	36.2	80.6	4 600	43.3	84.3	3 800	49.4	86.4	2 900	56.0
58.0							22.0	70.5	4 100 *	32.3	77.7	4 300	40.0	82.0	3 500	46.4	84.6	2 700	58.0
60.0							15.1	64.5	3 700 *	27.8	74.2	4 100	36.4	79.5	3 300	43.3	82.6	2 500	60.0
62.0										22.6	70.0	3 800	32.5	76.6	3 000	39.9	80.3	2 300	62.0
64.0										16.0	64.3	3 600	28.1	73.1	2 900	36.4	77.8	2 100	64.0
66.0													23.0	68.9	2 600	32.4	74.8	1 900	66.0
68.0													16.4	63.3	2 500	28.0	71.4	1 800	68.0
70.0													3.7	52.0	2 300				70.0

Liftcrane Luffing Jib Capacities

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

777 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
10.7	69.5	74.8	36 300 *b																			10.7
12.0	65.7	74.3	34 500 *b																			12.0
14.0	59.6	73.2	32 000 *b																			14.0
16.0	53.2	71.9	29 700 *																			16.0
18.0	46.1	70.2	27 500 *	61.4	73.2	26 600 *b																18.0
20.0	38.1	68.0	24 400 *	55.1	71.9	24 200 *	63.6	73.1	23 600 *b													20.0
22.0	28.3	64.9	21 800 *	48.2	70.3	21 600 *	57.4	72.0	21 400 *b													22.0
24.0	13.0	59.6	17 200 *	40.5	68.3	19 500 *	50.7	70.5	19 300 *													24.0
26.0				31.4	65.5	17 700 *	43.4	68.7	17 500	58.9	71.3	15 700 b										26.0
28.0				18.6	61.2	16 200 *	34.9	66.2	16 000	52.4	69.9	14 300										28.0
30.0							23.9	62.7	14 600	45.2	68.1	13 100										30.0
32.0										37.0	65.8	12 000	53.6	68.8	10 600							32.0
34.0										26.9	62.6	11 100	46.6	67.1	9 800							34.0
36.0													38.6	64.9	9 000							36.0
38.0													29.0	61.9	8 400	47.4	65.5	7 200				38.0
40.0																39.6	63.4	6 700				40.0
42.0																30.2	60.5	6 300				42.0
44.0																16.6	55.9	5 800	39.8	61.3	4 900	44.0
46.0																			30.5	58.5	4 600	46.0
48.0																			17.1	54.0	4 200	48.0



Liftcrane Luffing Jib Capacities

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

777 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
10.7	72.2	78.0	33 900 *b																			
12.0	68.9	77.6	33 000 *b																			
14.0	63.7	76.7	30 900 *b																			
16.0	58.4	75.6	28 800 *																			
18.0	52.7	74.2	26 800 *																			
20.0	46.5	72.5	24 200 *	65.2	76.6	25 800 *b																
22.0	39.6	70.4	21 600 *	59.9	75.5	24 000 *	67.1	76.5	22 900 *b													
24.0	31.5	67.6	19 500 *	54.3	74.2	21 400 *	61.9	75.5	21 200 *b													
26.0	20.8	63.5	17 200 *	48.3	72.6	19 300 *	56.4	74.3	19 000 *													
28.0				41.7	70.6	17 500 *	50.5	72.8	17 200 *													
30.0				34.0	68.1	16 000 *	44.1	71.0	15 800 *	57.7	73.6	14 100										
32.0				24.3	64.5	14 700 *	36.9	68.6	14 500 *	51.9	72.2	12 900										
34.0				6.7	57.3	13 600 *	28.1	65.5	13 300	45.7	70.4	11 800										
36.0										38.7	68.2	11 000	53.0	71.1	9 600							
38.0										30.4	65.3	10 100	46.9	69.4	8 800							
40.0										19.2	61.0	9 400	40.0	67.3	8 200							
42.0													32.1	64.5	7 700	47.6	67.8	6 500				
44.0													21.6	60.6	7 100	40.9	65.8	6 100				
46.0																33.0	63.1	5 700				
48.0																23.0	59.3	5 200				
50.0																			41.1	63.7	4 400	
																			33.3	61.0	4 100	
																			23.3	57.3	3 800	



Liftcrane Luffing Jib Capacities

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

777 SERIES 2

51.8m (170 Ft.) Boom, 27.4m (90 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
10.7	74.2	81.2	31 200 *b																			10.7
12.0	71.3	80.8	31 000 *b																			12.0
14.0	66.8	80.0	29 500 *b																			14.0
16.0	62.2	79.1	27 700 *																			16.0
18.0	57.4	77.9	25 800 *	68.1	79.9	25 100 *b																18.0
20.0	52.3	76.5	23 900 *	63.5	79.0	23 500 *																20.0
22.0	46.8	74.8	21 500 *	58.8	77.9	21 300 *	65.2	78.9	20 800 *													22.0
24.0	40.7	72.7	19 300 *	53.8	76.6	19 100 *	60.5	77.9	18 800 *													24.0
26.0	33.8	70.1	17 500 *	48.4	74.9	17 300 *	55.6	76.6	17 100 *													26.0
28.0	25.4	66.6	15 700 *	42.5	73.0	15 800 *	50.4	75.1	15 600 *	61.6	77.1	14 000										28.0
30.0	12.4	60.7	12 900 *	35.9	70.5	14 500 *	44.7	73.3	14 300 *	56.8	75.9	12 800										30.0
32.0				28.0	67.3	13 400 *	38.4	71.0	13 200 *	51.6	74.5	11 700										32.0
34.0				17.1	62.5	12 400 *	31.1	68.2	12 200 *	46.1	72.7	10 800										34.0
36.0							21.6	64.1	11 300 *	39.9	70.6	10 000	52.6	73.4	8 700							36.0
38.0										32.9	67.9	9 300	47.1	71.7	8 100							38.0
40.0										24.2	64.2	8 700	41.1	69.6	7 500							40.0
42.0													34.3	67.0	7 000	47.8	70.1	5 900				42.0
44.0													25.9	63.6	6 500	41.8	68.1	5 500				44.0
46.0																35.1	65.6	5 200				46.0
48.0																27.0	62.3	4 800	42.0	66.0	3 900	48.0
50.0																15.4	57.1	4 500	35.3	63.5	3 600	50.0
52.0																			27.3	60.2	3 400	52.0
54.0																			15.9	55.2	3 100	54.0



Liftcrane Luffing Jib Capacities

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

777 SERIES 2

51.8m (170 Ft.) Boom, 30.5m (100 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
10.7	75.8	84.4	28 800 *b																			10.7
12.0	73.2	84.0	28 200 *b																			12.0
14.0	69.3	83.3	27 000 *																			14.0
16.0	65.2	82.5	25 600 *																			16.0
18.0	61.0	81.5	24 100 *																			18.0
20.0	56.6	80.3	22 500 *	66.4	82.4	22 800 *																20.0
22.0	51.9	78.8	20 900 *	62.2	81.4	21 100 *																22.0
24.0	47.0	77.1	19 100 *	57.8	80.2	18 900 *	63.7	81.3	18 600 *													24.0
26.0	41.6	75.1	17 300 *	53.3	78.9	17 100 *	59.4	80.3	16 800 *													26.0
28.0	35.6	72.6	15 700 *	48.4	77.2	15 600 *	55.0	79.0	15 300 *													28.0
30.0	28.5	69.4	14 200 *	43.2	75.3	14 300 *	50.2	77.4	14 100 *	60.5	79.5	12 600										30.0
32.0	19.2	64.8	12 700 *	37.4	72.9	13 200 *	45.1	75.6	13 000 *	56.0	78.3	11 500										32.0
34.0				30.7	70.0	12 200 *	39.6	73.4	12 000 *	51.4	76.8	10 600										34.0
36.0				22.2	66.0	11 300 *	33.2	70.7	11 100 *	46.4	75.1	9 900										36.0
38.0				7.5	58.4	10 500 *	25.5	67.2	10 300 *	40.9	73.0	9 100	52.2	75.7	7 900							38.0
40.0										34.8	70.4	8 500	47.3	74.0	7 300							40.0
42.0										27.5	67.1	7 900	42.0	72.0	6 800							42.0
44.0										17.7	62.3	7 400	36.0	69.5	6 300	47.9	72.4	5 300				44.0
46.0													29.0	66.3	5 900	42.6	70.4	4 900				46.0
48.0													19.9	61.9	5 600	36.7	68.0	4 600				48.0
50.0																29.8	65.0	4 300	42.7	68.4	3 400	50.0
52.0																21.1	60.8	4 000	36.9	65.9	3 200	52.0
54.0																			30.0	62.9	3 000	54.0
56.0																			21.4	58.8	2 700	56.0

Liftcrane Luffing Jib Capacities

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

777 SERIES 2

51.8m (170 Ft.) Boom, 33.5m (110 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
12.2	74.5	87.1	22 700 *b																			12.2
14.0	71.2	86.6	22 200 *																			14.0
16.0	67.6	85.8	21 700 *																			16.0
18.0	63.8	84.9	21 200 *																			18.0
20.0	60.0	83.8	20 600 *	68.6	85.7	21 300 *																20.0
22.0	55.9	82.6	19 300 *	64.9	84.8	20 300 *																22.0
24.0	51.7	81.1	18 100 *	61.1	83.8	18 900 *																24.0
26.0	47.2	79.4	16 900 *	57.1	82.6	17 200 *	62.5	83.7	16 900 *													26.0
28.0	42.3	77.4	15 600 *	52.9	81.2	15 600 *	58.5	82.6	15 400 *													28.0
30.0	37.0	75.0	14 400 *	48.5	79.5	14 300 *	54.4	81.3	14 100 *													30.0
32.0	30.8	72.0	13 100 *	43.7	77.6	13 200 *	50.1	79.7	13 000 *	59.5	81.9	11 500										32.0
34.0	23.3	68.1	11 800 *	38.6	75.3	12 200 *	45.5	77.9	12 000 *	55.4	80.6	10 600										34.0
36.0	12.1	61.8	10 000 *	32.7	72.5	11 300 *	40.5	75.8	11 100 *	51.2	79.1	9 800										36.0
38.0				25.7	69.0	10 500 *	34.9	73.2	10 300 *	46.6	77.4	9 100										38.0
40.0				16.1	63.7	9 800 *	28.4	69.9	9 600 *	41.7	75.3	8 500	51.9	78.0	7 300							40.0
42.0							20.0	65.5	9 000 *	36.3	72.8	7 900	47.5	76.3	6 800							42.0
44.0										30.0	69.8	7 400	42.6	74.3	6 300							44.0
46.0										22.3	65.7	6 900	37.3	71.9	5 900	48.0	74.7	4 900				46.0
48.0													31.2	69.0	5 500	43.2	72.8	4 600				48.0
50.0													23.8	65.1	5 200	37.9	70.4	4 300				50.0
52.0																32.0	67.6	4 000	43.3	70.7	3 100	52.0
54.0																24.8	63.9	3 700	38.1	68.4	2 900	54.0
56.0																14.6	58.3	3 500	32.1	65.5	2 700	56.0
58.0																			25.0	61.8	2 500	58.0
60.0																			15.0	56.3	2 300	60.0



Liftcrane Luffing Jib Capacities

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

777 SERIES 2

51.8m (170 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
12.2	75.8	90.3	21 300 *b																			12.2
14.0	72.8	89.8	20 900 *																			14.0
16.0	69.5	89.1	20 500 *																			16.0
18.0	66.2	88.3	20 000 *																			18.0
20.0	62.7	87.3	19 100 *	70.5	88.9	20 500 *																20.0
22.0	59.1	86.2	18 100 *	67.1	88.1	19 500 *																22.0
24.0	55.4	84.9	17 100 *	63.7	87.2	18 500 *																24.0
26.0	51.5	83.4	16 000 *	60.1	86.1	16 900 *	64.9	87.1	16 600 *													26.0
28.0	47.3	81.7	15 000 *	56.4	84.9	15 400 *	61.4	86.1	15 200 *													28.0
30.0	42.9	79.7	13 900 *	52.6	83.5	14 100 *	57.8	85.0	13 800 *													30.0
32.0	38.1	77.4	13 000 *	48.5	81.8	13 000 *	54.0	83.6	12 700 *	62.2	85.4	11 300										32.0
34.0	32.7	74.6	11 800 *	44.2	79.9	12 000 *	50.0	82.0	11 700 *	58.6	84.2	10 400										34.0
36.0	26.3	71.0	10 800 *	39.5	77.7	11 100 *	45.8	80.2	10 900 *	54.9	82.9	9 600										36.0
38.0	18.0	66.1	9 800 *	34.3	75.0	10 300 *	41.2	78.1	10 100 *	51.0	81.4	8 900										38.0
40.0				28.2	71.7	9 600 *	36.2	75.6	9 400 *	46.8	79.7	8 300	55.6	81.8	7 100							40.0
42.0				20.7	67.3	8 900 *	30.5	72.6	8 800 *	42.4	77.6	7 700	51.7	80.3	6 600							42.0
44.0				8.0	59.5	8 400 *	23.7	68.7	8 200 *	37.5	75.2	7 300	47.6	78.6	6 200							44.0
46.0										32.0	72.4	6 800	43.2	76.6	5 700	52.2	78.7	4 700				46.0
48.0										25.4	68.7	6 400	38.4	74.3	5 300	48.1	77.0	4 400				48.0
50.0										16.7	63.5	6 000	33.0	71.5	5 000	43.7	75.1	4 100				50.0
52.0													26.7	68.0	4 700	39.0	72.8	3 800				52.0
54.0													18.6	63.2	4 400	33.7	70.1	3 500	43.8	73.0	2 700	54.0
56.0																27.5	66.7	3 300	39.1	70.7	2 500	56.0
58.0																19.7	62.1	3 100	33.8	68.0	2 300	58.0
60.0																			27.7	64.7	2 100	60.0
62.0																			19.9	60.1	1 900	62.0
64.0																			5.8	51.4	1 800	64.0

Liftcrane Luffing Jib Capacities

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

777 SERIES 2

51.8m (170 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
13.7	74.6	93.0	19 700 *																			13.7
14.0	74.2	92.9	19 600 *																			14.0
16.0	71.2	92.3	19 200 *																			16.0
18.0	68.1	91.6	18 500 *																			18.0
20.0	64.9	90.7	17 700 *																			20.0
22.0	61.7	89.7	16 900 *	69.0	91.4	18 800 *																22.0
24.0	58.4	88.6	16 000 *	65.8	90.6	18 000 *																24.0
26.0	54.9	87.2	15 200 *	62.6	89.6	16 800 *	67.0	90.5	16 100 *													26.0
28.0	51.3	85.7	14 200 *	59.3	88.5	15 200 *	63.8	89.6	15 000 *													28.0
30.0	47.5	84.0	13 300 *	55.9	87.2	13 900 *	60.5	88.5	13 700 *													30.0
32.0	43.4	82.0	12 500 *	52.3	85.8	12 800 *	57.1	87.3	12 600 *													32.0
34.0	39.0	79.8	11 700 *	48.6	84.1	11 800 *	53.6	85.9	11 600 *	61.3	87.7	10 300										34.0
36.0	34.2	77.1	10 800 *	44.6	82.2	10 900 *	49.9	84.3	10 700 *	57.9	86.6	9 500										36.0
38.0	28.6	73.8	9 900 *	40.3	80.1	10 100 *	46.0	82.5	9 900 *	54.5	85.2	8 800										38.0
40.0	21.8	69.5	9 000 *	35.6	77.5	9 400 *	41.9	80.5	9 200 *	50.8	83.7	8 200										40.0
42.0	11.8	62.9	7 700 *	30.3	74.4	8 800 *	37.3	78.0	8 600 *	47.0	82.0	7 600	55.1	84.1	6 500							42.0
44.0				23.9	70.5	8 200 *	32.3	75.2	8 000 *	42.9	80.0	7 100	51.5	82.6	6 000							44.0
46.0				15.3	64.9	7 700 *	26.4	71.6	7 500 *	38.5	77.6	6 600	47.7	80.9	5 600							46.0
48.0							18.8	66.8	7 000 *	33.5	74.9	6 200	43.7	78.9	5 200							48.0
50.0										27.9	71.5	5 800	39.3	76.7	4 900	48.1	79.3	3 900				50.0
52.0										20.8	67.1	5 500	34.5	74.0	4 600	44.1	77.4	3 700				52.0
54.0													29.0	70.8	4 300	39.8	75.2	3 400				54.0
56.0													22.3	66.6	4 000	35.0	72.6	3 200	44.2	75.3	2 400	56.0
58.0																29.6	69.4	2 900	39.9	73.1	2 200	58.0
60.0																23.1	65.4	2 700	35.2	70.5	2 000	60.0
62.0																14.0	59.4	2 500	29.8	67.4	1 900	62.0



Liftcrane Luffing Jib Capacities

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

777 SERIES 2

51.8m (170 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
13.7	75.7	96.2	18 000 *																13.7
14.0	75.4	96.1	17 900 *																14.0
16.0	72.6	95.5	17 400 *																16.0
18.0	69.7	94.8	16 900 *																18.0
20.0	66.8	94.1	16 300 *																20.0
22.0	63.9	93.1	15 600 *																22.0
24.0	60.8	92.1	14 900 *	67.7	93.9	17 200 *													24.0
26.0	57.7	90.9	14 200 *	64.7	93.0	16 500 *													26.0
28.0	54.5	89.6	13 500 *	61.7	92.0	15 000 *	65.8	92.9	14 700 *										28.0
30.0	51.1	88.0	12 800 *	58.6	90.9	13 700 *	62.8	92.0	13 400 *										30.0
32.0	47.6	86.3	12 000 *	55.4	89.6	12 600 *	59.7	90.9	12 300 *										32.0
34.0	43.8	84.4	11 300 *	52.1	88.1	11 600 *	56.6	89.6	11 300 *										34.0
36.0	39.8	82.1	10 600 *	48.6	86.4	10 700 *	53.3	88.2	10 500 *	60.5	90.1	9 300							36.0
38.0	35.4	79.5	9 800 *	44.9	84.6	9 900 *	49.9	86.6	9 700 *	57.3	88.9	8 600							38.0
40.0	30.4	76.4	9 000 *	41.0	82.4	9 200 *	46.3	84.8	9 000 *	54.1	87.6	8 000							40.0
42.0	24.6	72.6	8 300 *	36.7	79.9	8 600 *	42.4	82.8	8 400 *	50.7	86.0	7 400							42.0
44.0	17.1	67.4	7 500 *	31.9	77.0	8 000 *	38.3	80.4	7 800 *	47.1	84.3	6 900	54.7	86.4	5 800				44.0
46.0				26.4	73.4	7 500 *	33.7	77.7	7 300 *	43.3	82.3	6 500	51.3	84.9	5 400				46.0
48.0				19.5	68.7	7 000 *	28.5	74.4	6 800 *	39.3	80.0	6 100	47.8	83.2	5 000				48.0
50.0				8.3	60.6	6 500 *	22.2	70.2	6 400 *	34.8	77.4	5 700	44.1	81.3	4 700				50.0
52.0										29.8	74.2	5 400	40.0	79.0	4 400	48.2	81.6	3 500	52.0
54.0										23.8	70.2	5 000	35.7	76.5	4 100	44.5	79.7	3 200	54.0
56.0										15.9	64.7	4 700	30.8	73.4	3 800	40.5	77.5	3 000	56.0
58.0													25.0	69.6	3 600	36.2	75.0	2 800	58.0
60.0													17.6	64.5	3 300	31.4	72.0	2 600	60.0
62.0																25.7	68.3	2 400	62.0
64.0																18.6	63.4	2 200	64.0

Liftcrane Luffing Jib Capacities

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

777 SERIES 2

51.8m (170 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
15.2	74.7	98.9	16 100 *																15.2
16.0	73.8	98.7	15 900 *																16.0
18.0	71.1	98.1	15 400 *																18.0
20.0	68.5	97.3	14 900 *																20.0
22.0	65.7	96.5	14 400 *																22.0
24.0	63.0	95.5	13 800 *	69.2	97.2	15 900 *													24.0
26.0	60.1	94.5	13 300 *	66.5	96.4	15 500 *													26.0
28.0	57.2	93.2	12 700 *	63.8	95.4	14 800 *													28.0
30.0	54.1	91.9	12 100 *	60.9	94.4	13 700 *	64.8	95.4	13 300 *										30.0
32.0	51.0	90.3	11 500 *	58.0	93.2	12 500 *	61.9	94.4	12 200 *										32.0
34.0	47.7	88.6	10 800 *	55.0	91.9	11 500 *	59.1	93.2	11 300 *										34.0
36.0	44.2	86.7	10 200 *	51.9	90.4	10 600 *	56.1	92.0	10 400 *										36.0
38.0	40.5	84.5	9 700 *	48.6	88.7	9 800 *	53.0	90.5	9 600 *	59.8	92.5	8 600							38.0
40.0	36.4	82.0	9 000 *	45.2	86.9	9 100 *	49.8	88.9	8 900 *	56.8	91.3	8 000							40.0
42.0	32.0	79.0	8 300 *	41.5	84.8	8 500 *	46.4	87.1	8 300 *	53.8	89.9	7 400							42.0
44.0	26.9	75.5	7 600 *	37.6	82.3	7 900 *	42.9	85.1	7 800 *	50.6	88.3	6 900							44.0
46.0	20.6	70.9	7 000 *	33.3	79.5	7 400 *	39.1	82.8	7 200 *	47.3	86.6	6 500	54.3	88.7	5 300				46.0
48.0	11.6	64.0	6 000 *	28.4	76.2	6 900 *	34.9	80.2	6 800 *	43.7	84.6	6 000	51.2	87.2	5 000				48.0
50.0				22.6	72.0	6 500 *	30.2	77.0	6 300 *	40.0	82.4	5 700	47.9	85.5	4 700				50.0
52.0				14.7	66.0	6 100 *	24.8	73.2	5 900 *	35.9	79.8	5 300	44.4	83.6	4 400	51.5	85.6	3 400	52.0
54.0							17.9	68.1	5 500 *	31.4	76.8	5 000	40.7	81.4	4 100	48.3	83.9	3 200	54.0
56.0										26.2	73.2	4 700	36.7	78.9	3 800	44.8	82.0	2 900	56.0
58.0										19.7	68.4	4 400	32.2	76.0	3 600	41.1	79.9	2 700	58.0
60.0													27.2	72.5	3 300	37.1	77.4	2 500	60.0
62.0													21.1	68.0	3 100	32.8	74.6	2 400	62.0
64.0													12.3	61.3	2 900	27.8	71.1	2 200	64.0
66.0																21.8	66.8	2 000	66.0
68.0																13.6	60.5	1 800	68.0



Liftcrane Luffing Jib Capacities

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

777 SERIES 2

51.8m (170 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
15.2	75.7	102.1	14 500 *																15.2
16.0	74.8	101.9	14 400 *																16.0
18.0	72.3	101.3	14 000 *																18.0
20.0	69.9	100.6	13 600 *																20.0
22.0	67.3	99.8	13 200 *																22.0
24.0	64.8	98.9	12 700 *																24.0
26.0	62.1	97.9	12 300 *	68.1	99.7	13 800 *													26.0
28.0	59.5	96.8	11 800 *	65.5	98.8	13 500 *													28.0
30.0	56.7	95.6	11 100 *	62.9	97.8	12 800 *	66.4	98.7	12 900 *										30.0
32.0	53.8	94.2	10 400 *	60.2	96.8	12 200 *	63.8	97.8	12 000 *										32.0
34.0	50.9	92.6	9 800 *	57.5	95.6	11 300 *	61.2	96.7	11 000 *										34.0
36.0	47.8	90.9	9 200 *	54.6	94.2	10 400 *	58.5	95.6	10 200 *										36.0
38.0	44.5	89.0	8 600 *	51.7	92.7	9 600 *	55.7	94.3	9 400 *										38.0
40.0	41.0	86.8	8 100 *	48.6	91.0	8 900 *	52.8	92.8	8 700 *	59.1	94.8	7 800							40.0
42.0	37.3	84.4	7 600 *	45.4	89.2	8 300 *	49.8	91.2	8 100 *	56.3	93.6	7 200							42.0
44.0	33.2	81.6	7 100 *	42.0	87.1	7 700 *	46.6	89.5	7 500 *	53.5	92.2	6 700							44.0
46.0	28.7	78.2	6 600 *	38.4	84.7	7 200 *	43.3	87.4	7 000 *	50.5	90.6	6 300	56.9	92.4	5 200				46.0
48.0	23.3	74.1	6 300 *	34.4	82.0	6 700 *	39.7	85.2	6 500 *	47.4	88.9	5 900	54.0	91.0	4 800				48.0
50.0	16.4	68.6	5 800 *	30.0	78.8	6 300 *	35.9	82.6	6 100 *	44.1	86.9	5 500	51.0	89.5	4 500				50.0
52.0				24.9	75.0	5 900 *	31.7	79.6	5 700 *	40.6	84.7	5 100	47.9	87.8	4 200				52.0
54.0				18.6	70.0	5 500 *	26.9	76.1	5 300 *	36.8	82.2	4 800	44.7	85.9	3 900	51.4	87.9	3 000	54.0
56.0				8.6	61.7	5 100 *	21.1	71.6	5 000 *	32.7	79.4	4 500	41.2	83.7	3 600	48.3	86.2	2 800	56.0
58.0										28.1	75.9	4 200	37.5	81.3	3 400	45.1	84.3	2 500	58.0
60.0										22.6	71.7	4 000	33.5	78.5	3 100	41.6	82.2	2 300	60.0
62.0										15.3	65.9	3 700	29.0	75.2	2 900	38.0	79.8	2 200	62.0
64.0													23.7	71.2	2 700	34.0	77.1	2 000	64.0
66.0													16.9	65.7	2 500				66.0

Liftcrane Luffing Jib Capacities

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

777 SERIES 2

51.8m (170 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
16.8	74.8	104.8	12 800 *																16.8
18.0	73.4	104.5	12 600 *																18.0
20.0	71.1	103.8	12 100 *																20.0
22.0	68.7	103.1	11 500 *																22.0
24.0	66.3	102.3	10 900 *																24.0
26.0	63.9	101.4	10 200 *	69.4	102.9	11 700 *													26.0
28.0	61.4	100.3	9 600 *	67.0	102.1	11 100 *													28.0
30.0	58.9	99.2	9 000 *	64.6	101.2	10 500 *													30.0
32.0	56.2	97.9	8 400 *	62.1	100.2	9 900 *	65.5	101.2	10 700 *										32.0
34.0	53.5	96.5	7 900 *	59.6	99.1	9 300 *	63.0	100.2	10 200 *										34.0
36.0	50.7	94.9	7 400 *	57.0	97.9	8 800 *	60.5	99.1	9 600 *										36.0
38.0	47.8	93.2	6 900 *	54.3	96.5	8 200 *	57.9	97.9	9 000 *										38.0
40.0	44.8	91.3	6 400 *	51.6	95.0	7 700 *	55.3	96.6	8 500 *	61.1	98.4	7 700							40.0
42.0	41.5	89.2	6 000 *	48.7	93.3	7 200 *	52.6	95.2	8 000 *	58.6	97.2	7 100							42.0
44.0	38.1	86.8	5 600 *	45.7	91.5	6 700 *	49.7	93.5	7 400 *	55.9	95.9	6 600							44.0
46.0	34.3	84.0	5 200 *	42.5	89.4	6 200 *	46.8	91.8	7 000 *	53.2	94.5	6 200							46.0
48.0	30.2	80.9	4 800 *	39.1	87.1	5 800 *	43.6	89.8	6 500 *	50.4	92.9	5 700	56.4	94.8	4 700				48.0
50.0	25.4	77.1	4 300 *	35.4	84.5	5 400 *	40.3	87.5	6 000 *	47.5	91.2	5 400	53.7	93.4	4 400				50.0
52.0	19.7	72.3	3 900 *	31.4	81.4	5 000 *	36.8	85.0	5 600 *	44.4	89.2	5 000	50.9	91.8	4 100				52.0
54.0	11.4	65.1	3 500 *	26.9	77.9	4 500 *	32.9	82.2	5 200 *	41.1	87.1	4 700	48.0	90.1	3 800				54.0
56.0				21.5	73.4	4 100 *	28.6	78.8	4 700 *	37.6	84.6	4 400	45.0	88.2	3 500				56.0
58.0				14.3	67.2	3 700 *	23.5	74.7	4 200 *	33.9	81.9	4 200	41.7	86.1	3 300	48.3	88.5	2 400	58.0
60.0							17.2	69.3	3 800 *	29.7	78.6	3 900	38.3	83.7	3 100	45.3	86.6	2 200	60.0
62.0										24.8	74.7	3 600	34.6	81.0	2 800	42.1	84.6	2 000	62.0
64.0										18.9	69.8	3 400	30.5	77.9	2 600	38.7	82.2	1 900	64.0
66.0													25.8	74.1	2 400				66.0
68.0													20.1	69.4	2 300				68.0
70.0													12.1	62.4	2 100				70.0



Liftcrane Luffing Jib Capacities

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

777 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
12.2	65.4	77.3	32 300 *b																			12.2
14.0	60.0	76.3	30 300 *b																			14.0
16.0	53.5	75.0	28 200 *																			16.0
18.0	46.5	73.3	26 200 *	62.5	76.4	25 300 *b																18.0
20.0	38.6	71.2	24 200 *	56.3	75.2	23 500 *b	65.1	76.4	22 100 *b													20.0
22.0	28.9	68.2	21 600 *	49.5	73.7	21 100 *	59.1	75.3	20 600 *b													22.0
24.0	14.2	63.1	17 500 *	42.0	71.7	19 000 *	52.6	74.0	18 700 *													24.0
26.0				33.2	69.1	17 300 *	45.4	72.2	17 000 *	61.3	74.7	15 300 b										26.0
28.0				21.5	65.3	15 800 *	37.3	69.9	15 500 *	55.0	73.4	13 900										28.0
30.0							27.2	66.8	14 200 *	48.1	71.8	12 800										30.0
32.0							10.6	60.9	13 200 *	40.4	69.8	11 700	57.0	72.3	10 200							32.0
34.0										31.2	67.0	10 800	50.3	70.9	9 400							34.0
36.0										18.4	62.7	10 000	42.9	69.0	8 700							36.0
38.0													34.3	66.5	8 100							38.0
40.0													23.1	62.8	7 500	44.7	67.6	6 300				40.0
42.0																36.5	65.3	5 800				42.0
44.0																26.1	62.0	5 500				44.0
46.0																			37.8	63.4	4 100	46.0
48.0																			27.9	60.3	3 800	48.0
50.0																			12.1	54.8	3 500	50.0

Liftcrane Luffing Jib Capacities

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

777 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
12.2	68.7	80.6	31 100 *b																			12.2
14.0	64.0	79.8	29 200 *b																			14.0
16.0	58.7	78.7	27 300 *																			16.0
18.0	53.0	77.3	25 500 *	66.2	79.8	24 500 *b																18.0
20.0	46.8	75.7	23 600 *	60.9	78.8	22 900 *																20.0
22.0	40.0	73.5	21 300 *	55.4	77.5	20 900 *	63.3	78.8	20 100 *b													22.0
24.0	32.0	70.8	19 200 *	49.5	76.0	18 800 *	57.9	77.7	18 400 *													24.0
26.0	21.5	66.8	17 400 *	42.9	74.1	17 100 *	52.1	76.3	16 700 *													26.0
28.0				35.5	71.6	15 600 *	45.9	74.5	15 300 *	59.9	77.0	13 700										28.0
30.0				26.4	68.3	14 300 *	38.9	72.3	14 000 *	54.3	75.7	12 500										30.0
32.0				12.0	62.5	13 200 *	30.7	69.5	12 900 *	48.2	74.1	11 600										32.0
34.0							19.6	65.2	11 900 *	41.6	72.1	10 600	56.0	74.7	9 200							34.0
36.0										33.9	69.5	9 900	50.2	73.2	8 500							36.0
38.0										24.2	65.9	9 100	43.7	71.3	7 900							38.0
40.0													36.4	68.9	7 300	51.6	71.7	6 100				40.0
42.0													27.5	65.7	6 800	45.3	69.9	5 700				42.0
44.0													14.3	60.5	6 300	38.2	67.7	5 300				44.0
46.0																29.8	64.7	4 900	46.2	67.9	3 900	46.0
48.0																18.3	60.2	4 500	39.3	65.8	3 600	48.0
50.0																			31.2	62.9	3 400	50.0
52.0																			20.3	58.8	3 100	52.0



Liftcrane Luffing Jib Capacities

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

777 SERIES 2

54.9m (180 Ft.) Boom, 27.4m (90 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
12.2	71.1	83.8	28 900 *b																			12.2
14.0	67.1	83.1	27 500 *b																			14.0
16.0	62.5	82.2	25 900 *																			16.0
18.0	57.6	81.0	24 100 *																			18.0
20.0	52.5	79.6	22 400 *	64.4	82.2	22 400 *																20.0
22.0	47.1	78.0	20 700 *	59.7	81.1	20 800 *	66.4	82.2	19 700 *b													22.0
24.0	41.1	75.9	19 000 *	54.7	79.8	18 600 *	61.8	81.2	18 300 *													24.0
26.0	34.2	73.3	17 200 *	49.4	78.3	16 900 *	56.9	80.0	16 500 *													26.0
28.0	25.9	69.8	15 700 *	43.7	76.4	15 400 *	51.8	78.6	15 100 *													28.0
30.0	13.4	64.2	13 200 *	37.2	74.0	14 100 *	46.2	76.8	13 800 *	58.7	79.4	12 400										30.0
32.0				29.6	71.0	13 000 *	40.1	74.7	12 700 *	53.7	78.0	11 400										32.0
34.0				19.6	66.6	12 100 *	33.1	72.0	11 800 *	48.3	76.4	10 500										34.0
36.0							24.5	68.4	10 900 *	42.4	74.4	9 800	55.3	77.0	8 300							36.0
38.0							10.5	62.0	10 200 *	35.8	72.0	9 100	50.0	75.5	7 700							38.0
40.0										27.9	68.8	8 500	44.3	73.6	7 200							40.0
42.0										16.9	63.9	7 900	38.0	71.3	6 700							42.0
44.0													30.5	68.4	6 200	45.7	72.2	5 100				44.0
46.0													20.9	64.2	5 800	39.5	70.0	4 800				46.0
48.0																32.4	67.3	4 500				48.0
50.0																23.5	63.5	4 200				50.0
52.0																			40.5	68.1	3 300	52.0
54.0																			33.5	65.5	3 000	54.0
56.0																			25.0	61.9	2 800	56.0
																			11.7	55.9	2 500	56.0

Liftcrane Luffing Jib Capacities

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

777 SERIES 2

54.9m (180 Ft.) Boom, 30.5m (100 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
12.2	73.1	87.0	23 400 *b																			12.2
14.0	69.5	86.4	22 900 *b																			14.0
16.0	65.4	85.6	22 400 *																			16.0
18.0	61.2	84.6	21 800 *																			18.0
20.0	56.8	83.4	20 600 *	67.1	85.5	20 900 *																20.0
22.0	52.2	81.9	19 300 *	63.0	84.6	19 800 *																22.0
24.0	47.3	80.3	17 900 *	58.7	83.5	18 500 *	64.8	84.6	17 500 *													24.0
26.0	41.9	78.2	16 500 *	54.2	82.2	16 800 *	60.6	83.6	16 400 *													26.0
28.0	35.9	75.8	15 300 *	49.4	80.6	15 300 *	56.2	82.3	14 900 *													28.0
30.0	28.9	72.6	14 100 *	44.2	78.7	14 000 *	51.5	80.9	13 600 *													30.0
32.0	19.8	68.2	12 800 *	38.5	76.4	12 900 *	46.5	79.1	12 600 *	57.8	81.7	11 200										32.0
34.0				32.0	73.6	11 900 *	41.1	77.0	11 600 *	53.2	80.4	10 300										34.0
36.0				24.0	69.8	11 000 *	35.0	74.5	10 800 *	48.4	78.7	9 600										36.0
38.0				11.7	63.6	10 200 *	27.8	71.2	10 000 *	43.1	76.8	8 900	54.7	79.3	7 500							38.0
40.0							18.1	66.5	9 300 *	37.3	74.4	8 300	49.9	77.8	7 000							40.0
42.0										30.6	71.4	7 700	44.8	75.9	6 500							42.0
44.0										22.1	67.4	7 200	39.2	73.7	6 100							44.0
46.0													32.8	71.0	5 700	46.1	74.5	4 600				46.0
48.0													25.0	67.3	5 300	40.6	72.4	4 200				48.0
50.0													13.6	61.6	4 900	34.4	69.8	3 900				50.0
52.0																27.0	66.4	3 700	41.4	70.5	2 800	52.0
54.0																17.0	61.5	3 400	35.3	67.9	2 600	54.0
56.0																			28.2	64.7	2 400	56.0
58.0																			18.7	60.1	2 200	58.0



Liftcrane Luffing Jib Capacities

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

777 SERIES 2

54.9m (180 Ft.) Boom, 33.5m (110 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
12.2	74.7	90.2	22 100 *b																			12.2
14.0	71.4	89.6	21 700 *																			14.0
16.0	67.8	88.9	21 200 *																			16.0
18.0	64.0	88.0	20 500 *																			18.0
20.0	60.2	86.9	19 400 *	69.3	88.8	20 300 *																20.0
22.0	56.1	85.7	18 200 *	65.6	88.0	19 200 *																22.0
24.0	51.9	84.3	17 100 *	61.8	87.0	18 200 *																24.0
26.0	47.4	82.6	15 900 *	57.8	85.8	16 700 *	63.5	87.0	16 100 *													26.0
28.0	42.6	80.6	14 700 *	53.7	84.5	15 200 *	59.6	85.9	14 900 *													28.0
30.0	37.3	78.2	13 700 *	49.3	82.9	13 900 *	55.5	84.7	13 600 *													30.0
32.0	31.2	75.2	12 700 *	44.7	81.0	12 800 *	51.3	83.2	12 500 *	61.0	85.3	11 200										32.0
34.0	23.8	71.4	11 800 *	39.6	78.8	11 800 *	46.8	81.4	11 600 *	57.0	84.1	10 300										34.0
36.0	12.9	65.4	10 100 *	33.8	76.1	11 000 *	41.9	79.4	10 700 *	52.9	82.7	9 500										36.0
38.0				27.1	72.7	10 200 *	36.4	76.9	10 000 *	48.4	81.0	8 900										38.0
40.0				18.2	67.9	9 500 *	30.2	73.9	9 300 *	43.7	79.1	8 200	54.2	81.6	6 900							40.0
42.0							22.5	69.9	8 600 *	38.5	76.8	7 700	49.8	80.1	6 500							42.0
44.0							10.5	63.1	8 100 *	32.6	74.0	7 200	45.2	78.2	6 000							44.0
46.0										25.6	70.4	6 700	40.2	76.1	5 600	50.9	78.6	4 500				46.0
48.0										15.9	65.1	6 300	34.5	73.5	5 300	46.3	76.8	4 200				48.0
50.0													27.9	70.2	4 900	41.4	74.7	3 900				50.0
52.0													19.4	65.6	4 600	35.9	72.2	3 600	47.0	74.8	2 700	52.0
54.0																29.6	69.1	3 400	42.1	72.8	2 500	54.0
56.0																21.7	65.0	3 200	36.8	70.4	2 300	56.0
58.0																			30.6	67.4	2 200	58.0
60.0																			23.0	63.4	2 000	60.0
62.0																			11.4	56.9	1 800	62.0

Liftcrane Luffing Jib Capacities

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

777 SERIES 2

54.9m (180 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
12.2	76.0	93.3	20 800 *b																12.2
14.0	73.0	92.8	20 400 *																14.0
16.0	69.7	92.2	19 900 *																16.0
18.0	66.3	91.4	19 000 *																18.0
20.0	62.9	90.4	18 100 *																20.0
22.0	59.3	89.3	17 100 *	67.8	91.3	18 500 *													22.0
24.0	55.6	88.0	16 100 *	64.3	90.4	17 600 *													24.0
26.0	51.7	86.6	15 100 *	60.8	89.4	16 500 *	65.8	90.4	15 600 *										26.0
28.0	47.6	84.9	14 200 *	57.1	88.2	15 000 *	62.4	89.4	14 700 *										28.0
30.0	43.2	82.9	13 200 *	53.3	86.8	13 700 *	58.8	88.3	13 300 *										30.0
32.0	38.4	80.6	12 300 *	49.3	85.2	12 600 *	55.0	87.0	12 200 *										32.0
34.0	33.0	77.8	11 500 *	45.0	83.3	11 600 *	51.1	85.5	11 300 *	60.1	87.6	10 100							34.0
36.0	26.7	74.3	10 700 *	40.4	81.2	10 800 *	46.9	83.7	10 500 *	56.4	86.4	9 400							36.0
38.0	18.5	69.5	9 800 *	35.3	78.6	10 000 *	42.5	81.7	9 700 *	52.5	85.0	8 600							38.0
40.0				29.5	75.4	9 300 *	37.6	79.3	9 000 *	48.5	83.3	8 100							40.0
42.0				22.3	71.3	8 700 *	32.1	76.5	8 400 *	44.2	81.4	7 500	53.8	84.0	6 300				42.0
44.0				11.4	64.7	8 100 *	25.6	72.8	7 800 *	39.5	79.2	7 000	49.8	82.4	5 800				44.0
46.0							17.0	67.7	7 400 *	34.2	76.5	6 600	45.5	80.6	5 400				46.0
48.0										28.2	73.2	6 100	41.0	78.4	5 100	50.7	80.9	4 000	48.0
50.0										20.6	68.8	5 800	35.9	75.9	4 700	46.6	79.1	3 700	50.0
52.0													30.2	72.8	4 400	42.1	77.1	3 500	52.0
54.0													23.2	68.8	4 100	37.1	74.7	3 200	54.0
56.0													13.1	62.7	3 900	31.6	71.7	3 000	56.0
58.0																25.0	68.0	2 800	58.0
60.0																16.0	62.7	2 600	60.0



Liftcrane Luffing Jib Capacities

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

777 SERIES 2

54.9m (180 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
13.7	74.8	96.1	18 900 *																13.7
14.0	74.4	96.0	18 800 *																14.0
16.0	71.3	95.4	18 200 *																16.0
18.0	68.3	94.7	17 500 *																18.0
20.0	65.1	93.8	16 800 *																20.0
22.0	61.9	92.8	16 000 *	69.5	94.6	17 800 *													22.0
24.0	58.5	91.7	15 200 *	66.4	93.8	17 000 *													24.0
26.0	55.1	90.4	14 300 *	63.2	92.8	16 200 *	67.8	93.7	15 100 *										26.0
28.0	51.5	88.9	13 500 *	59.9	91.8	14 800 *	64.6	92.8	14 400 *										28.0
30.0	47.7	87.2	12 700 *	56.5	90.5	13 500 *	61.4	91.8	13 200 *										30.0
32.0	43.6	85.2	11 900 *	53.0	89.1	12 400 *	58.0	90.6	12 100 *										32.0
34.0	39.3	82.9	11 100 *	49.3	87.5	11 400 *	54.6	89.3	11 100 *										34.0
36.0	34.4	80.3	10 400 *	45.3	85.6	10 600 *	50.9	87.8	10 300 *	59.3	90.0	9 200							36.0
38.0	28.9	77.0	9 800 *	41.1	83.5	9 800 *	47.1	86.0	9 600 *	55.9	88.7	8 600							38.0
40.0	22.2	72.8	9 100 *	36.5	81.0	9 100 *	43.0	84.0	8 900 *	52.3	87.3	7 900							40.0
42.0	12.5	66.5	7 800 *	31.3	78.1	8 500 *	38.6	81.7	8 300 *	48.5	85.6	7 400							42.0
44.0				25.2	74.3	7 900 *	33.7	79.0	7 700 *	44.5	83.7	6 900	53.4	86.3	5 700				44.0
46.0				17.2	69.2	7 400 *	28.0	75.6	7 200 *	40.3	81.5	6 500	49.7	84.7	5 300				46.0
48.0							21.1	71.3	6 700 *	35.5	79.0	6 000	45.8	82.9	4 900				48.0
50.0							10.4	64.2	6 300 *	30.2	75.9	5 700	41.6	80.8	4 600	50.6	83.2	3 600	50.0
52.0										23.8	72.0	5 300	37.1	78.3	4 300	46.7	81.4	3 300	52.0
54.0										15.2	66.3	5 000	31.9	75.4	4 000	42.6	79.4	3 100	54.0
56.0													26.0	71.8	3 800	38.2	77.1	2 900	56.0
58.0													18.3	66.9	3 500	33.2	74.3	2 700	58.0
60.0																27.5	70.9	2 400	60.0
62.0																20.3	66.3	2 300	62.0
64.0																8.8	58.7	2 100	64.0

Liftcrane Luffing Jib Capacities

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

777 SERIES 2

54.9m (180 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
13.7	75.9	99.3	17 100 *																13.7
14.0	75.5	99.2	17 100 *																14.0
16.0	72.7	98.6	16 600 *																16.0
18.0	69.9	97.9	16 000 *																18.0
20.0	67.0	97.1	15 400 *																20.0
22.0	64.0	96.2	14 800 *																22.0
24.0	61.0	95.2	14 100 *	68.2	97.1	16 300 *													24.0
26.0	57.9	94.0	13 500 *	65.3	96.2	15 600 *													26.0
28.0	54.7	92.7	12 800 *	62.3	95.2	14 600 *	66.6	96.2	13 900 *										28.0
30.0	51.3	91.2	12 100 *	59.2	94.1	13 300 *	63.6	95.2	13 000 *										30.0
32.0	47.8	89.5	11 400 *	56.0	92.8	12 200 *	60.6	94.2	11 800 *										32.0
34.0	44.0	87.5	10 800 *	52.7	91.4	11 200 *	57.4	93.0	10 900 *										34.0
36.0	40.0	85.3	10 100 *	49.3	89.8	10 400 *	54.2	91.6	10 100 *										36.0
38.0	35.6	82.7	9 500 *	45.6	88.0	9 600 *	50.8	90.1	9 300 *	58.6	92.4	8 300							38.0
40.0	30.7	79.7	8 900 *	41.7	85.9	8 900 *	47.2	88.3	8 600 *	55.4	91.1	7 700							40.0
42.0	25.0	75.9	8 300 *	37.5	83.4	8 300 *	43.5	86.4	8 000 *	52.0	89.6	7 200							42.0
44.0	17.6	70.7	7 500 *	32.9	80.6	7 700 *	39.4	84.1	7 500 *	48.6	87.9	6 700							44.0
46.0				27.5	77.2	7 200 *	35.0	81.5	7 000 *	44.9	86.0	6 300	53.1	88.6	5 100				46.0
48.0				21.0	72.7	6 800 *	30.0	78.3	6 500 *	40.9	83.9	5 900	49.7	87.0	4 800				48.0
50.0				11.3	65.8	6 300 *	24.0	74.4	6 100 *	36.6	81.4	5 500	46.0	85.2	4 400				50.0
52.0							16.2	68.9	5 700 *	31.9	78.5	5 100	42.2	83.1	4 100	50.5	85.5	3 100	52.0
54.0										26.3	74.9	4 800	38.0	80.7	3 800	46.9	83.7	2 900	54.0
56.0										19.4	70.1	4 500	33.4	77.9	3 600	43.1	81.7	2 700	56.0
58.0													28.2	74.6	3 300	39.0	79.4	2 500	58.0
60.0													21.8	70.3	3 100	34.5	76.8	2 300	60.0
62.0													12.7	63.8	2 900	29.5	73.6	2 100	62.0
64.0																23.4	69.5	1 900	64.0



Liftcrane Luffing Jib Capacities

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

777 SERIES 2

54.9m (180 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
15.2	74.9	102.0	15 300 *																15.2
16.0	73.9	101.8	15 200 *																16.0
18.0	71.3	101.2	14 700 *																18.0
20.0	68.6	100.4	14 200 *																20.0
22.0	65.9	99.6	13 700 *																22.0
24.0	63.1	98.6	13 200 *																24.0
26.0	60.3	97.6	12 600 *	67.0	99.6	15 000 *													26.0
28.0	57.3	96.4	12 000 *	64.3	98.6	14 400 *													28.0
30.0	54.3	95.0	11 500 *	61.5	97.6	13 300 *	65.5	98.6	12 700 *										30.0
32.0	51.1	93.5	10 900 *	58.6	96.5	12 100 *	62.7	97.6	11 700 *										32.0
34.0	47.8	91.8	10 300 *	55.6	95.2	11 200 *	59.8	96.5	10 800 *										34.0
36.0	44.4	89.8	9 700 *	52.5	93.7	10 300 *	56.9	95.3	10 000 *										36.0
38.0	40.7	87.7	9 200 *	49.2	92.1	9 500 *	53.8	93.9	9 200 *	60.9	95.9	8 300							38.0
40.0	36.6	85.2	8 700 *	45.8	90.3	8 900 *	50.7	92.4	8 500 *	58.0	94.7	7 700							40.0
42.0	32.2	82.2	8 200 *	42.2	88.2	8 200 *	47.4	90.6	8 000 *	55.0	93.4	7 200							42.0
44.0	27.2	78.7	7 700 *	38.4	85.8	7 700 *	43.8	88.7	7 400 *	51.9	91.9	6 700							44.0
46.0	21.0	74.3	7 000 *	34.1	83.1	7 100 *	40.1	86.5	6 900 *	48.6	90.2	6 200	55.9	92.3	5 000				46.0
48.0	12.2	67.6	6 100 *	29.4	79.9	6 700 *	36.0	83.9	6 500 *	45.2	88.4	5 800	52.8	90.9	4 700				48.0
50.0				23.7	75.9	6 200 *	31.5	80.9	6 000 *	41.5	86.2	5 400	49.6	89.3	4 400				50.0
52.0				16.5	70.4	5 900 *	26.3	77.3	5 600 *	37.6	83.8	5 100	46.2	87.5	4 100				52.0
54.0							20.0	72.6	5 300 *	33.2	81.0	4 800	42.7	85.4	3 800	50.4	87.8	2 800	54.0
56.0							10.4	65.2	4 900 *	28.3	77.6	4 500	38.8	83.1	3 500	47.0	86.0	2 600	56.0
58.0										22.5	73.4	4 200 *	34.6	80.4	3 300	43.5	84.1	2 400	58.0
60.0										14.6	67.5	3 900 *	29.9	77.3	3 100	39.7	81.8	2 200	60.0
62.0													24.4	73.4	2 900	35.6	79.2	2 000	62.0
64.0													17.4	68.1	2 700	31.1	76.2	1 900	64.0

Liftcrane Luffing Jib Capacities

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

777 SERIES 2

54.9m (180 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
15.2	75.9	105.2	13 900 *																15.2
16.0	74.9	105.0	13 700 *																16.0
18.0	72.5	104.4	13 400 *																18.0
20.0	70.0	103.7	13 000 *																20.0
22.0	67.5	102.9	12 600 *																22.0
24.0	64.9	102.0	12 200 *																24.0
26.0	62.3	101.0	11 700 *	68.5	102.8	13 400 *													26.0
28.0	59.6	99.9	11 200 *	66.0	102.0	13 200 *													28.0
30.0	56.8	98.7	10 800 *	63.4	101.1	12 900 *													30.0
32.0	54.0	97.3	10 300 *	60.7	100.0	11 900 *	64.5	101.0	11 500 *										32.0
34.0	51.0	95.8	9 800 *	58.0	98.8	10 900 *	61.9	100.0	10 600 *										34.0
36.0	47.9	94.1	9 200 *	55.2	97.5	10 100 *	59.2	98.9	9 700 *										36.0
38.0	44.7	92.2	8 700 *	52.3	96.0	9 300 *	56.4	97.6	9 000 *										38.0
40.0	41.2	90.0	8 200 *	49.2	94.4	8 600 *	53.6	96.2	8 300 *	60.2	98.3	7 500							40.0
42.0	37.5	87.6	7 600 *	46.0	92.6	8 000 *	50.6	94.7	7 700 *	57.4	97.0	7 000							42.0
44.0	33.5	84.8	7 200 *	42.7	90.5	7 400 *	47.5	92.9	7 200 *	54.6	95.7	6 500							44.0
46.0	28.9	81.5	6 700 *	39.1	88.2	7 000 *	44.2	91.0	6 700 *	51.7	94.2	6 100							46.0
48.0	23.6	77.4	6 300 *	35.2	85.6	6 500 *	40.7	88.8	6 200 *	48.6	92.5	5 600	55.5	94.6	4 500				48.0
50.0	16.8	72.0	5 800 *	30.9	82.5	6 000 *	37.0	86.3	5 800 *	45.4	90.7	5 300	52.6	93.2	4 200				50.0
52.0				26.0	78.8	5 600 *	32.8	83.5	5 400 *	42.0	88.6	4 900 *	49.6	91.6	3 900				52.0
54.0				19.9	74.1	5 300 *	28.2	80.1	5 000 *	38.4	86.2	4 600 *	46.4	89.8	3 600				54.0
56.0				11.1	66.9	4 900 *	22.8	75.9	4 700 *	34.4	83.5	4 300 *	43.1	87.8	3 300	50.3	90.1	2 400	56.0
58.0							15.6	70.1	4 400 *	30.0	80.3	4 000 *	39.5	85.5	3 100	47.2	88.3	2 200	58.0
60.0										24.9	76.5	3 700 *	35.7	82.9	2 900	43.9	86.4	2 000	60.0
62.0										18.5	71.4	3 500 *	31.4	79.9	2 700	40.4	84.2	1 900	62.0
64.0										8.4	63.1	3 200 *	26.6	76.3	2 500				64.0
66.0													20.7	71.7	2 300				66.0
68.0													12.4	65.0	2 100				68.0

Liftcrane Luffing Jib Capacities

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

777 SERIES 2

54.9m (180 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
16.8	75.0	107.9	12 300 *													16.8
18.0	73.5	107.6	12 100 *													18.0
20.0	71.2	106.9	11 800 *													20.0
22.0	68.9	106.2	11 400 *													22.0
24.0	66.5	105.4	10 800 *													24.0
26.0	64.0	104.5	10 200 *	69.9	106.1	11 500 *										26.0
28.0	61.6	103.4	9 600 *	67.5	105.3	11 200 *										28.0
30.0	59.0	102.3	9 100 *	65.1	104.4	10 600 *										30.0
32.0	56.4	101.0	8 500 *	62.6	103.5	10 100 *	66.1	104.4	10 800 *							32.0
34.0	53.7	99.6	7 900 *	60.1	102.4	9 500 *	63.7	103.5	10 300 *							34.0
36.0	50.9	98.1	7 400 *	57.5	101.2	8 900 *	61.2	102.4	9 700 *							36.0
38.0	48.0	96.4	7 000 *	54.8	99.8	8 400 *	58.6	101.3	9 000 *							38.0
40.0	44.9	94.5	6 500 *	52.1	98.3	7 800 *	56.0	100.0	8 300 *	62.1	101.7	7 400				40.0
42.0	41.7	92.3	6 000 *	49.2	96.7	7 300 *	53.3	98.6	7 700 *	59.6	100.6	6 900				42.0
44.0	38.3	90.0	5 600 *	46.2	94.9	6 800 *	50.5	97.0	7 100 *	57.0	99.4	6 400				44.0
46.0	34.5	87.2	5 200 *	43.1	92.8	6 400 *	47.6	95.2	6 600 *	54.3	98.0	5 900				46.0
48.0	30.4	84.1	4 800 *	39.7	90.6	6 000 *	44.5	93.3	6 200 *	51.5	96.5	5 600				48.0
50.0	25.7	80.4	4 300 *	36.1	88.0	5 500 *	41.2	91.2	5 700 *	48.6	94.8	5 200	55.1	97.0	4 100	50.0
52.0	20.0	75.6	3 900 *	32.2	85.1	5 100 *	37.7	88.7	5 400 *	45.6	93.0	4 800	52.4	95.5	3 800	52.0
54.0	12.0	68.6	3 500 *	27.8	81.6	4 600 *	34.0	86.0	5 000 *	42.4	90.9	4 500 *	49.5	93.9	3 500	54.0
56.0				22.6	77.3	4 200 *	29.8	82.7	4 700 *	39.0	88.6	4 200 *	46.6	92.1	3 300	56.0
58.0				15.8	71.6	3 700 *	25.0	78.9	4 300 *	35.4	85.9	3 900 *	43.4	90.1	3 000	58.0
60.0							19.1	73.9	4 000 *	31.4	82.9	3 600 *	40.1	87.8	2 800	60.0
62.0							10.4	66.3	3 600 *	26.8	79.3	3 300 *	36.6	85.3	2 600	62.0
64.0										21.4	74.8	3 100 *	32.7	82.4	2 400	64.0
66.0										14.2	68.6	2 900 *	28.3	79.0	2 200	66.0
68.0													23.2	74.9	2 000	68.0
70.0													16.7	69.4	1 900	70.0